

## Light Duty Rating Workshop

[illegible]

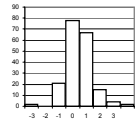
|                   |    |
|-------------------|----|
| MIN RATINGS/RATER | 0  |
| MAX RATINGS/RATER | 40 |
| MIN RATINGS/PART  | 9  |
| MAX RATINGS/PART  | 24 |

## Light Duty Rating Workshop

PART ID = Sequence III Calibration C1

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 0.56     | 0.54     | 8.38     | 1.91   | 3.66   | 2.25        | 9.41   | 9.80        | 9.61          |  |  |  |  |  | 26.91 | 4.33 |
| Castillo George    | 0.74     | 0.56     | 8.13     | 1.92   | 3.17   | 1.80        | 9.24   | 9.72        | 9.48          |  |  |  |  |  | 25.80 | 4.09 |
| Garcia Orlando     | 0.75     | 0.55     | 8.18     | 2.03   | 3.06   | 2.44        | 9.18   | 9.74        | 9.46          |  |  |  |  |  | 26.47 | 4.14 |
| Garrett Thomas     | 0.79     | 0.51     | 8.99     | 2.11   | 3.41   | 1.58        | 9.19   | 9.63        | 9.41          |  |  |  |  |  | 26.80 | 4.33 |
| Hills Barry        | 0.75     | 0.55     | 8.35     | 1.81   | 3.16   | 1.35        | 9.32   | 9.79        | 9.56          |  |  |  |  |  | 25.53 | 4.07 |
| Kobrinetz Jack     | 0.75     | 0.51     | 8.78     | 1.84   | 3.45   | 1.46        | 9.46   | 9.70        | 9.58          |  |  |  |  |  | 26.37 | 4.26 |
| Lopez Frank        | 0.85     | 0.63     | 8.18     | 2.57   | 3.47   | 1.99        | 9.50   | 10.00       | 9.75          |  |  |  |  |  | 27.44 | 4.34 |
| Pansza Mike        | 0.70     | 0.45     | 8.32     | 2.10   | 3.74   | 1.64        | 9.32   | 9.64        | 9.48          |  |  |  |  |  | 26.43 | 4.29 |
| Radonich Peter     | 0.68     | 0.64     | 8.47     | 1.98   | 3.60   | 1.60        | 9.40   | 9.90        | 9.65          |  |  |  |  |  | 26.62 | 4.29 |
| Tschirhart Garland | 0.70     | 0.60     | 8.50     | 2.30   | 3.50   | 2.00        | 9.50   | 9.90        | 9.70          |  |  |  |  |  | 27.30 | 4.36 |
| Adams Patrick      | 0.95     | 0.52     | 8.19     | 1.94   | 3.21   | 1.31        | 9.17   | 9.80        | 9.49          |  |  |  |  |  | 25.61 | 4.07 |
| Avis Steve         | 0.65     | 0.50     | 8.46     | 2.19   | 4.08   | 1.35        | 9.56   | 9.87        | 9.72          |  |  |  |  |  | 26.95 | 4.43 |
| Barrera Tony       | 0.75     | 0.58     | 8.90     | 2.06   | 3.37   | 2.30        | 9.49   | 9.90        | 9.70          |  |  |  |  |  | 27.66 | 4.40 |
| Foecking Brian     | 0.75     | 0.51     | 8.54     | 1.88   | 3.40   | 1.63        | 9.40   | 9.85        | 9.63          |  |  |  |  |  | 26.34 | 4.22 |
| Lowsky John        | 0.30     | 0.56     | 8.82     | 2.67   | 4.34   | 5.90        | 9.88   | 9.95        | 9.92          |  |  |  |  |  | 33.51 | 5.32 |
| Ramirez Robert     | 0.74     | 0.58     | 8.30     | 2.38   | 3.26   | 2.33        | 9.18   | 9.94        | 9.56          |  |  |  |  |  | 27.15 | 4.28 |
| Rodriguez Jesse    | 0.75     | 0.45     | 8.14     | 1.88   | 3.37   | 1.49        | 9.56   | 9.79        | 9.68          |  |  |  |  |  | 25.76 | 4.12 |
| Sanchez Arthur     | 0.00     | 0.23     | 8.70     | 1.55   | 3.83   | 2.00        | 9.52   | 9.78        | 9.65          |  |  |  |  |  | 25.96 | 4.31 |
| Seiz Raymond       | 0.52     | 0.65     | 7.98     | 2.45   | 3.32   | 2.10        | 9.54   | 9.66        | 9.60          |  |  |  |  |  | 26.62 | 4.22 |
| Viera Ralph        | 0.57     | 0.45     | 8.67     | 2.31   | 3.38   | 1.47        | 9.47   | 9.99        | 9.73          |  |  |  |  |  | 26.58 | 4.29 |
| Yanchar Paul       | 0.75     | 0.46     | 8.80     | 2.06   | 3.32   | 1.58        | 9.40   | 9.75        | 9.58          |  |  |  |  |  | 26.55 | 4.26 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |      |
| MAXIMUM            | 0.95     | 0.65     | 9.82     | 2.67   | 4.34   | 5.90        | 9.88   | 10.00       | 9.92          |  |  |  |  |  | 33.51 | 5.32 |
| MINIMUM            | 0.00     | 0.23     | 7.98     | 1.55   | 3.06   | 1.31        | 9.17   | 9.63        | 9.41          |  |  |  |  |  | 25.53 | 4.07 |
| RANGE (MAX-MIN)    | 0.95     | 0.42     | 1.85     | 1.12   | 1.28   | 4.59        | 0.71   | 0.37        | 0.50          |  |  |  |  |  | 7.98  | 1.25 |
| MEAN               | 0.67     | 0.53     | 8.51     | 2.09   | 3.48   | 1.98        | 9.41   | 9.81        | 9.61          |  |  |  |  |  | 26.87 | 4.31 |
| STD                | 0.20     | 0.09     | 0.41     | 0.27   | 0.31   | 0.97        | 0.17   | 0.11        | 0.12          |  |  |  |  |  | 1.63  | 0.25 |



yi within 1 76.7%  
 yi within 2 95.8%  
 yi within 3 97.9%

PART ID = Sequence III Calibration C1

## YI VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -0.53    | 0.16     | -0.33    | -0.66  | 0.58   | 0.28        | -0.02  | -0.13       | -0.08         |  |  |  |  |  | 0.02  | 0.09  | -0.06 | 0.36 |
| Castillo George    | 0.36     | 0.38     | -0.94    | -0.63  | -1.00  | -0.19       | -1.02  | -0.85       | -1.13         |  |  |  |  |  | -0.66 | -0.86 | -0.59 | 0.54 |
| Garcia Orlando     | 0.41     | 0.27     | -0.82    | -0.23  | -1.35  | 0.48        | -1.37  | -0.67       | -1.30         |  |  |  |  |  | -0.25 | -0.65 | -0.50 | 0.69 |
| Garrett Thomas     | 0.61     | -0.17    | 1.17     | 0.06   | -0.23  | -0.41       | -1.31  | -1.65       | -1.72         |  |  |  |  |  | -0.04 | 0.08  | -0.33 | 0.91 |
| Hills Barry        | 0.41     | 0.27     | -0.40    | -1.03  | -1.03  | -0.65       | -0.55  | -0.22       | -0.50         |  |  |  |  |  | -0.83 | -0.92 | -0.49 | 0.49 |
| Kobrinetz Jack     | 0.41     | -0.17    | 0.65     | -0.92  | -0.10  | -0.54       | 0.27   | -1.03       | -0.29         |  |  |  |  |  | -0.31 | -0.18 | -0.20 | 0.52 |
| Lopez Frank        | 0.91     | 1.15     | -0.82    | 1.74   | -0.04  | 0.01        | 0.51   | 1.67        | 1.15          |  |  |  |  |  | 0.35  | 0.14  | 0.62  | 0.79 |
| Pansza Mike        | 0.17     | -0.83    | -0.47    | 0.03   | 0.83   | -0.35       | -0.55  | -1.56       | -1.13         |  |  |  |  |  | -0.27 | -0.05 | -0.38 | 0.65 |
| Radonich Peter     | 0.07     | 1.26     | -0.11    | -0.41  | 0.38   | -0.39       | -0.08  | 0.77        | 0.30          |  |  |  |  |  | -0.15 | -0.05 | 0.14  | 0.51 |
| Tschirhart Garland | 0.17     | 0.82     | -0.03    | 0.76   | 0.06   | 0.02        | 0.51   | 0.77        | 0.73          |  |  |  |  |  | 0.26  | 0.21  | 0.39  | 0.33 |
| Adams Patrick      | 1.41     | -0.06    | -0.79    | -0.56  | -0.87  | -0.69       | -1.43  | -0.13       | -1.09         |  |  |  |  |  | -0.78 | -0.92 | -0.54 | 0.75 |
| Avis Steve         | -0.08    | -0.28    | -0.13    | 0.36   | 1.93   | -0.65       | 0.86   | 0.50        | 0.85          |  |  |  |  |  | 0.04  | 0.50  | 0.35  | 0.70 |
| Barrera Tony       | 0.41     | 0.60     | 0.95     | -0.12  | -0.36  | 0.33        | 0.45   | 0.77        | 0.68          |  |  |  |  |  | 0.48  | 0.35  | 0.41  | 0.38 |
| Foecking Brian     | 0.41     | -0.17    | 0.07     | -0.77  | -0.26  | -0.36       | -0.08  | 0.32        | 0.09          |  |  |  |  |  | -0.33 | -0.32 | -0.13 | 0.34 |
| Lowsky John        | -1.82    | 0.38     | 3.20     | 2.11   | 2.76   | 4.06        | 2.74   | 1.22        | 2.54          |  |  |  |  |  | 4.07  | 3.98  | 2.29  | 1.79 |
| Ramirez Robert     | 0.36     | 0.60     | -0.52    | 1.05   | -0.71  | 0.36        | -1.37  | 1.13        | -0.46         |  |  |  |  |  | 0.17  | -0.11 | 0.05  | 0.77 |
| Rodriguez Jesse    | 0.41     | -0.83    | -0.91    | -0.77  | -0.36  | -0.51       | 0.86   | -0.22       | 0.51          |  |  |  |  |  | -0.69 | -0.73 | -0.29 | 0.61 |
| Sanchez Arthur     | -3.31    | -3.25    | 0.46     | -1.98  | 1.12   | 0.02        | 0.62   | -0.31       | 0.30          |  |  |  |  |  | -0.56 | 0.01  | -0.62 | 1.53 |
| Seiz Raymond       | -0.73    | 1.39     | -1.32    | 1.30   | -0.52  | 0.12        | 0.74   | -1.38       | -0.12         |  |  |  |  |  | -0.16 | -0.34 | -0.09 | 0.93 |
| Viera Ralph        | -0.48    | -0.83    | 0.38     | 0.79   | -0.32  | -0.53       | 0.33   | 1.58        | 0.98          |  |  |  |  |  | -0.18 | -0.07 | 0.15  | 0.74 |
| Yanchar Paul       | 0.41     | -0.72    | 0.70     | -0.12  | -0.52  | -0.41       | -0.08  | -0.58       | -0.33         |  |  |  |  |  | -0.20 | -0.16 | -0.18 | 0.42 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |       |       |      |
| Yi MAXIMUM         | -3.31    | -3.25    | 3.20     | 2.11   | 2.76   | 4.06        | 2.74   | 1.67        | 2.54          |  |  |  |  |  | 4.07  | 3.98  | 2.29  | 1.79 |
| Yi MINIMUM         | 0.07     | -0.06    | -0.03    | 0.03   | -0.04  | 0.01        | -0.02  | -0.13       | -0.08         |  |  |  |  |  | 0.02  | 0.01  | 0.05  | 0.33 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 0.67     | 0.53     | 8.51     | 2.09   | 3.48   | 1.98        | 9.41   | 9.81        | 9.61          |  |  |  |  |  | 26.87 | 4.31  |       |      |
| Ratings STD        | 0.20     | 0.09     | 0.41     | 0.27   | 0.31   | 0.97        | 0.17   | 0.11        | 0.12          |  |  |  |  |  | 1.63  | 0.25  |       |      |

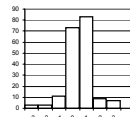


## Light Duty Rating Workshop

PART ID = Sequence III Piston A1

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 0.73     | 0.68     | 4.37     | 1.73   | 2.11   | 1.32        | 8.40   | 9.90        | 9.15          |  |  |  |  |  | 20.09 | 2.92 |
| Castillo George    | 0.98     | 0.74     | 6.72     | 1.55   | 2.10   | 1.38        | 8.37   | 9.95        | 9.16          |  |  |  |  |  | 22.63 | 3.38 |
| Garcia Orlando     | 1.28     | 0.52     | 7.42     | 1.74   | 2.33   | 1.41        | 7.97   | 9.75        | 8.86          |  |  |  |  |  | 23.56 | 3.59 |
| Garrett Thomas     | 1.04     | 0.64     | 7.44     | 1.93   | 2.27   | 1.48        | 8.26   | 9.77        | 9.02          |  |  |  |  |  | 23.82 | 3.62 |
| Hills Barry        | 0.92     | 0.77     | 7.29     | 1.94   | 1.94   | 1.40        | 8.17   | 9.79        | 8.98          |  |  |  |  |  | 23.24 | 3.49 |
| Kobrinetz Jack     | 1.19     | 0.71     | 7.23     | 1.88   | 2.24   | 0.85        | 8.59   | 9.90        | 9.25          |  |  |  |  |  | 23.35 | 3.54 |
| Lopez Frank        | 1.02     | 0.66     | 6.96     | 1.36   | 2.34   | 1.42        | 8.31   | 9.90        | 9.11          |  |  |  |  |  | 22.87 | 3.47 |
| Pansza Mike        | 0.95     | 0.66     | 6.42     | 2.46   | 3.12   | 1.26        | 7.94   | 9.74        | 8.84          |  |  |  |  |  | 23.71 | 3.71 |
| Radonich Peter     | 1.06     | 0.75     | 7.12     | 1.96   | 2.47   | 1.30        | 7.83   | 9.90        | 8.87          |  |  |  |  |  | 23.53 | 3.60 |
| Tschirhart Garland | 0.77     | 0.75     | 7.29     | 2.20   | 2.71   | 1.01        | 8.60   | 9.90        | 9.25          |  |  |  |  |  | 23.98 | 3.74 |
| Adams Patrick      | 1.76     | 0.75     | 7.25     | 1.52   | 2.13   | 1.13        | 7.80   | 9.80        | 8.80          |  |  |  |  |  | 23.34 | 3.47 |
| Avis Steve         | 1.00     | 0.74     | 7.54     | 1.56   | 2.35   | 1.22        | 8.64   | 9.68        | 9.16          |  |  |  |  |  | 23.57 | 3.61 |
| Barrera Tony       | 0.99     | 0.75     | 7.65     | 1.40   | 2.38   | 1.16        | 7.76   | 9.73        | 8.75          |  |  |  |  |  | 23.08 | 3.57 |
| Foecking Brian     | 1.19     | 0.60     | 7.36     | 1.93   | 2.29   | 1.35        | 8.50   | 9.90        | 9.20          |  |  |  |  |  | 23.92 | 3.62 |
| Lowsky John        | 1.48     | 0.68     | 7.08     | 2.46   | 3.25   | 0.82        | 6.85   | 9.05        | 7.95          |  |  |  |  |  | 23.72 | 3.78 |
| Ramirez Robert     | 1.33     | 0.74     | 6.76     | 1.64   | 2.30   | 1.24        | 7.82   | 9.66        | 8.74          |  |  |  |  |  | 22.75 | 3.43 |
| Rodriguez Jesse    | 1.19     | 0.74     | 7.13     | 1.49   | 2.26   | 1.40        | 8.14   | 9.90        | 9.02          |  |  |  |  |  | 23.23 | 3.60 |
| Sanchez Arthur     | 1.19     | 0.75     | 7.31     | 2.81   | 2.33   | 1.74        | 7.72   | 9.71        | 8.72          |  |  |  |  |  | 24.85 | 3.76 |
| Seiz Raymond       | 1.14     | 0.60     | 7.33     | 2.28   | 2.45   | 1.10        | 9.23   | 9.60        | 9.42          |  |  |  |  |  | 24.32 | 3.71 |
| Viera Ralph        | 0.99     | 0.56     | 7.11     | 2.04   | 2.22   | 1.53        | 9.45   | 9.97        | 9.71          |  |  |  |  |  | 24.16 | 3.62 |
| Yanchar Paul       | 1.33     | 0.64     | 7.22     | 1.68   | 2.17   | 1.24        | 8.29   | 9.80        | 9.05          |  |  |  |  |  | 23.33 | 3.51 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |      |
| MAXIMUM            | 1.76     | 0.77     | 7.65     | 2.81   | 3.25   | 1.74        | 9.45   | 9.97        | 9.71          |  |  |  |  |  | 24.85 | 3.78 |
| MINIMUM            | 0.73     | 0.52     | 4.37     | 1.36   | 1.94   | 0.82        | 6.85   | 9.05        | 7.95          |  |  |  |  |  | 20.09 | 2.92 |
| RANGE (MAX-MIN)    | 1.03     | 0.25     | 3.28     | 1.45   | 1.31   | 0.92        | 2.60   | 0.92        | 1.76          |  |  |  |  |  | 4.76  | 0.86 |
| MEAN               | 1.12     | 0.69     | 7.05     | 1.88   | 2.37   | 1.27        | 8.22   | 9.78        | 9.00          |  |  |  |  |  | 23.38 | 3.55 |
| STD                | 0.23     | 0.07     | 0.68     | 0.39   | 0.31   | 0.22        | 0.55   | 0.20        | 0.34          |  |  |  |  |  | 0.92  | 0.18 |



yi within 1 82.5%  
 yi within 2 93.1%  
 yi within 3 98.4%

PART ID = Sequence III Piston A1

## YI VALUES

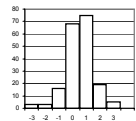
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -1.66    | -0.10    | -3.96    | -0.40  | -0.83  | 0.21        | 0.32   | 0.63        | 0.44          |  |  |  |  |  | -3.57 | -3.47 | -1.13 | 1.76 |
| Castillo George    | -0.60    | 0.73     | -0.48    | -0.87  | -0.86  | 0.49        | 0.27   | 0.89        | 0.47          |  |  |  |  |  | -0.82 | -0.93 | -0.16 | 0.72 |
| Garcia Orlando     | 0.68     | -2.32    | 0.55     | -0.37  | -0.13  | 0.63        | -0.45  | -0.13       | -0.40         |  |  |  |  |  | 0.19  | 0.17  | -0.14 | 0.83 |
| Garrett Thomas     | -0.34    | -0.65    | 0.58     | 0.12   | -0.32  | 0.95        | 0.07   | -0.03       | 0.05          |  |  |  |  |  | 0.47  | 0.38  | 0.12  | 0.46 |
| Hills Barry        | -0.85    | 1.15     | 0.36     | 0.15   | -1.37  | 0.58        | -0.09  | 0.07        | -0.05         |  |  |  |  |  | -0.15 | -0.34 | -0.05 | 0.67 |
| Kobrinetz Jack     | 0.30     | 0.32     | 0.27     | -0.01  | -0.41  | -1.96       | 0.67   | 0.63        | 0.72          |  |  |  |  |  | -0.04 | -0.08 | 0.04  | 0.75 |
| Lopez Frank        | -0.43    | -0.38    | -0.13    | -1.36  | -0.09  | 0.67        | 0.16   | 0.63        | 0.31          |  |  |  |  |  | -0.56 | -0.48 | -0.15 | 0.59 |
| Pansza Mike        | -0.73    | -0.38    | -0.93    | 1.49   | 2.39   | -0.07       | -0.51  | -0.18       | -0.46         |  |  |  |  |  | 0.36  | 0.86  | 0.17  | 1.03 |
| Radonich Peter     | -0.26    | 0.87     | 0.11     | 0.20   | 0.32   | 0.12        | -0.71  | 0.63        | -0.39         |  |  |  |  |  | 0.16  | 0.26  | 0.12  | 0.45 |
| Tschirhart Garland | -1.49    | 0.87     | 0.36     | 0.82   | 1.09   | -1.22       | 0.69   | 0.63        | 0.73          |  |  |  |  |  | 0.65  | 1.01  | 0.38  | 0.88 |
| Adams Patrick      | 2.72     | 0.87     | 0.30     | -0.94  | -0.76  | -0.67       | -0.76  | 0.12        | -0.58         |  |  |  |  |  | -0.04 | -0.45 | -0.02 | 1.06 |
| Avis Steve         | -0.51    | 0.73     | 0.73     | -0.84  | -0.06  | -0.25       | 0.76   | -0.49       | 0.74          |  |  |  |  |  | 0.20  | 0.29  | 0.09  | 0.56 |
| Barrera Tony       | -0.56    | 0.87     | 0.89     | -1.25  | 0.03   | -0.53       | -0.83  | -0.24       | -0.74         |  |  |  |  |  | -0.33 | 0.08  | -0.24 | 0.67 |
| Foecking Brian     | 0.30     | -1.21    | 0.46     | 0.12   | -0.25  | 0.35        | 0.50   | 0.63        | 0.59          |  |  |  |  |  | 0.58  | 0.37  | 0.22  | 0.54 |
| Lowsky John        | 1.53     | -0.10    | 0.05     | 1.49   | 2.81   | -2.09       | -2.48  | -3.71       | -3.06         |  |  |  |  |  | 0.37  | 1.22  | -0.36 | 2.15 |
| Ramirez Robert     | 0.89     | 0.73     | -0.43    | -0.63  | -0.22  | -0.16       | -0.73  | -0.59       | -0.75         |  |  |  |  |  | -0.69 | -0.70 | -0.30 | 0.59 |
| Rodriguez Jesse    | 0.30     | 0.73     | 0.12     | -1.02  | -0.35  | 0.58        | -0.15  | 0.63        | 0.06          |  |  |  |  |  | -0.16 | -0.28 | 0.04  | 0.52 |
| Sanchez Arthur     | 0.30     | 0.87     | 0.39     | 2.40   | -0.13  | 2.15        | -0.91  | -0.34       | -0.83         |  |  |  |  |  | 1.59  | 1.13  | 0.60  | 1.13 |
| Seiz Raymond       | 0.08     | -1.21    | 0.42     | 1.03   | 0.26   | -0.80       | 1.82   | -0.90       | 1.22          |  |  |  |  |  | 1.01  | 0.85  | 0.34  | 0.97 |
| Viera Ralph        | -0.56    | -1.77    | 0.09     | 0.41   | -0.48  | 1.18        | 2.22   | 0.99        | 2.08          |  |  |  |  |  | 0.85  | 0.37  | 0.49  | 1.17 |
| Yanchar Paul       | 0.89     | -0.65    | 0.25     | -0.53  | -0.64  | -0.16       | 0.12   | 0.12        | 0.14          |  |  |  |  |  | -0.06 | -0.27 | -0.07 | 0.45 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |       |       |      |
| Yi MAXIMUM         | 2.72     | -2.32    | -3.96    | 2.40   | 2.81   | 2.15        | -2.48  | -3.71       | -3.06         |  |  |  |  |  | -3.57 | -3.47 | -1.13 | 2.15 |
| Yi MINIMUM         | 0.08     | -0.10    | 0.05     | -0.01  | 0.03   | -0.07       | 0.07   | -0.03       | 0.05          |  |  |  |  |  | -0.04 | 0.08  | -0.02 | 0.45 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 1.12     | 0.69     | 7.05     | 1.88   | 2.37   | 1.27        | 8.22   | 9.78        | 9.00          |  |  |  |  |  | 23.38 | 3.55  |       |      |
| Ratings STD        | 0.23     | 0.07     | 0.68     | 0.39   | 0.31   | 0.22        | 0.55   | 0.20        | 0.34          |  |  |  |  |  | 0.92  | 0.18  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston A2

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 1.48     | 0.82     | 8.71     | 0.75   | 2.76   | 1.20        | 9.50   | 9.80        | 9.65          |  |  |  |  |  | 25.37 | 3.92 |
| Castillo George    | 2.09     | 0.75     | 8.92     | 0.87   | 1.76   | 2.10        | 9.66   | 9.85        | 9.76          |  |  |  |  |  | 26.25 | 3.81 |
| Garcia Orlando     | 3.61     | 0.75     | 8.60     | 1.26   | 1.97   | 3.06        | 9.40   | 9.66        | 9.53          |  |  |  |  |  | 28.78 | 4.01 |
| Garrett Thomas     | 2.16     | 0.75     | 9.21     | 0.87   | 2.17   | 2.63        | 9.01   | 9.56        | 9.29          |  |  |  |  |  | 27.08 | 4.00 |
| Hills Barry        | 1.46     | 0.74     | 9.21     | 1.07   | 1.91   | 2.21        | 9.31   | 9.78        | 9.55          |  |  |  |  |  | 26.15 | 3.90 |
| Kobrinetz Jack     | 3.25     | 0.75     | 8.94     | 0.74   | 2.43   | 2.39        | 9.70   | 9.86        | 9.78          |  |  |  |  |  | 28.28 | 4.08 |
| Lopez Frank        | 1.38     | 0.75     | 9.04     | 0.98   | 1.78   | 2.25        | 9.48   | 9.69        | 9.59          |  |  |  |  |  | 25.77 | 3.82 |
| Pansza Mike        | 1.46     | 0.68     | 8.42     | 1.18   | 2.64   | 3.68        | 9.36   | 9.58        | 9.47          |  |  |  |  |  | 27.53 | 4.11 |
| Radonich Peter     | 1.40     | 0.75     | 9.05     | 0.93   | 2.65   | 2.55        | 9.55   | 9.85        | 9.70          |  |  |  |  |  | 27.03 | 4.11 |
| Tschirhart Garland | 0.65     | 0.75     | 8.77     | 0.77   | 3.97   | 1.75        | 9.50   | 9.80        | 9.65          |  |  |  |  |  | 26.31 | 4.31 |
| Adams Patrick      | 2.78     | 0.73     | 8.83     | 0.90   | 3.33   | 2.80        | 9.50   | 9.80        | 9.65          |  |  |  |  |  | 29.02 | 4.36 |
| Avis Steve         | 2.38     | 0.62     | 8.81     | 0.78   | 2.41   | 2.15        | 9.33   | 9.72        | 9.53          |  |  |  |  |  | 26.68 | 3.95 |
| Barrera Tony       | 1.86     | 0.75     | 9.08     | 0.72   | 2.38   | 2.18        | 9.50   | 9.92        | 9.71          |  |  |  |  |  | 26.68 | 4.00 |
| Foecking Brian     | 2.40     | 0.75     | 8.45     | 1.10   | 2.46   | 3.30        | 9.65   | 9.75        | 9.70          |  |  |  |  |  | 28.16 | 4.09 |
| Lowsky John        | 4.50     | 0.68     | 8.18     | 0.88   | 3.21   | 2.91        | 8.70   | 9.13        | 8.92          |  |  |  |  |  | 29.28 | 4.21 |
| Ramirez Robert     | 1.98     | 0.75     | 8.46     | 1.27   | 2.60   | 2.58        | 9.51   | 9.64        | 9.58          |  |  |  |  |  | 27.22 | 4.05 |
| Rodriguez Jesse    | 2.14     | 0.74     | 9.08     | 0.91   | 1.88   | 2.12        | 9.70   | 9.85        | 9.78          |  |  |  |  |  | 26.65 | 3.89 |
| Sanchez Arthur     | 5.00     | 0.75     | 8.83     | 0.83   | 2.35   | 3.50        | 9.42   | 9.61        | 9.52          |  |  |  |  |  | 30.78 | 4.22 |
| Seiz Raymond       | 2.58     | 0.75     | 8.88     | 0.73   | 3.13   | 3.70        | 9.63   | 9.66        | 9.65          |  |  |  |  |  | 29.41 | 4.36 |
| Viera Ralph        | 3.41     | 0.68     | 8.80     | 0.83   | 2.79   | 2.90        | 9.43   | 9.82        | 9.63          |  |  |  |  |  | 29.04 | 4.21 |
| Yanchar Paul       | 1.76     | 0.75     | 9.18     | 0.77   | 2.29   | 2.18        | 9.50   | 9.70        | 9.60          |  |  |  |  |  | 26.53 | 3.98 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |      |
| MAXIMUM            | 5.00     | 0.82     | 9.21     | 1.27   | 3.97   | 3.70        | 9.70   | 9.92        | 9.78          |  |  |  |  |  | 30.78 | 4.36 |
| MINIMUM            | 0.65     | 0.62     | 8.18     | 0.72   | 1.76   | 1.20        | 8.70   | 9.13        | 8.92          |  |  |  |  |  | 25.37 | 3.81 |
| RANGE (MAX-MIN)    | 4.35     | 0.20     | 1.03     | 0.55   | 2.21   | 2.50        | 1.00   | 0.79        | 0.87          |  |  |  |  |  | 5.41  | 0.55 |
| MEAN               | 2.37     | 0.74     | 8.83     | 0.91   | 2.52   | 2.58        | 9.44   | 9.72        | 9.58          |  |  |  |  |  | 27.52 | 4.07 |
| STD                | 1.08     | 0.04     | 0.28     | 0.17   | 0.56   | 0.64        | 0.23   | 0.17        | 0.19          |  |  |  |  |  | 1.43  | 0.16 |



yi within 1 75.7%  
 yi within 2 94.2%  
 yi within 3 98.4%

PART ID = Sequence III Piston A2

## YI VALUES

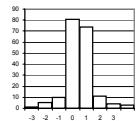
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -0.82    | 2.10     | -0.43    | -0.94  | 0.43   | -2.16       | 0.24   | 0.50        | 0.37          |  |  |  |  |  | -1.51 | -0.86 | -0.28 | 1.17 |
| Castillo George    | -0.26    | 0.37     | 0.32     | -0.24  | -1.36  | -0.75       | 0.93   | 0.80        | 0.92          |  |  |  |  |  | -0.89 | -1.57 | -0.16 | 0.90 |
| Garcia Orlando     | 1.15     | 0.37     | -0.82    | 2.03   | -0.98  | 0.76        | -0.19  | -0.33       | -0.26         |  |  |  |  |  | 0.88  | -0.31 | 0.21  | 0.92 |
| Garrett Thomas     | -0.19    | 0.37     | 1.34     | -0.24  | -0.62  | 0.08        | -1.88  | -0.93       | -1.55         |  |  |  |  |  | -0.31 | -0.41 | -0.39 | 0.88 |
| Hills Barry        | -0.84    | 0.12     | 1.34     | 0.92   | -1.09  | -0.58       | -0.58  | 0.38        | -0.18         |  |  |  |  |  | -0.96 | -1.02 | -0.23 | 0.83 |
| Kobrinetz Jack     | 0.82     | 0.37     | 0.39     | -1.00  | -0.16  | -0.29       | 1.10   | 0.86        | 1.05          |  |  |  |  |  | 0.53  | 0.10  | 0.34  | 0.64 |
| Lopez Frank        | -0.91    | 0.37     | 0.74     | 0.40   | -1.32  | -0.51       | 0.15   | -0.15       | 0.02          |  |  |  |  |  | -1.23 | -1.51 | -0.36 | 0.78 |
| Pansza Mike        | -0.84    | -1.37    | -1.45    | 1.57   | 0.22   | 1.73        | -0.37  | -0.81       | -0.58         |  |  |  |  |  | 0.01  | 0.26  | -0.15 | 1.05 |
| Radonich Peter     | -0.90    | 0.37     | 0.78     | 0.11   | 0.24   | -0.04       | 0.46   | 0.80        | 0.63          |  |  |  |  |  | -0.34 | 0.29  | 0.22  | 0.50 |
| Tschirhart Garland | -1.59    | 0.37     | -0.22    | -0.82  | 2.60   | -1.30       | 0.24   | 0.50        | 0.37          |  |  |  |  |  | -0.85 | 1.47  | 0.07  | 1.23 |
| Adams Patrick      | 0.38     | -0.13    | 0.00     | -0.07  | 1.46   | 0.35        | 0.24   | 0.50        | 0.37          |  |  |  |  |  | 1.05  | 1.76  | 0.54  | 0.62 |
| Avis Steve         | 0.01     | -2.86    | -0.07    | -0.76  | -0.19  | -0.67       | -0.50  | 0.03        | -0.29         |  |  |  |  |  | -0.59 | -0.70 | -0.60 | 0.80 |
| Barrera Tony       | -0.47    | 0.37     | 0.88     | -1.11  | -0.25  | -0.62       | 0.24   | 1.22        | 0.68          |  |  |  |  |  | -0.59 | -0.43 | -0.01 | 0.73 |
| Foecking Brian     | 0.03     | 0.37     | -1.35    | 1.10   | -0.10  | 1.13        | 0.89   | 0.20        | 0.63          |  |  |  |  |  | 0.45  | 0.13  | 0.32  | 0.69 |
| Lowsky John        | 1.97     | -1.37    | -2.30    | -0.18  | 1.24   | 0.52        | -3.22  | -3.49       | -3.49         |  |  |  |  |  | 1.23  | 0.85  | -0.75 | 2.09 |
| Ramirez Robert     | -0.36    | 0.37     | -1.31    | 2.09   | 0.15   | 0.00        | 0.28   | -0.45       | -0.03         |  |  |  |  |  | -0.21 | -0.08 | 0.04  | 0.82 |
| Rodriguez Jesse    | -0.21    | 0.12     | 0.88     | -0.01  | -1.14  | -0.72       | 1.10   | 0.80        | 1.02          |  |  |  |  |  | -0.61 | -1.08 | 0.01  | 0.84 |
| Sanchez Arthur     | 2.44     | 0.37     | 0.00     | -0.47  | -0.30  | 1.44        | -0.11  | -0.63       | -0.34         |  |  |  |  |  | 2.28  | 0.95  | 0.51  | 1.11 |
| Seiz Raymond       | 0.20     | 0.37     | 0.17     | -1.08  | 1.10   | 1.76        | 0.80   | -0.33       | 0.34          |  |  |  |  |  | 1.32  | 1.80  | 0.58  | 0.88 |
| Viera Ralph        | 0.96     | -1.37    | -0.11    | -0.47  | 0.49   | 0.50        | -0.06  | 0.62        | 0.23          |  |  |  |  |  | 1.06  | 0.89  | 0.25  | 0.72 |
| Yanchar Paul       | -0.56    | 0.37     | 1.24     | -0.82  | -0.41  | -0.62       | 0.24   | -0.09       | 0.10          |  |  |  |  |  | -0.69 | -0.52 | -0.16 | 0.61 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |       |       |      |
| Yi MAXIMUM         | 2.44     | -2.86    | -2.30    | 2.09   | 2.60   | -2.16       | -3.22  | -3.49       | -3.49         |  |  |  |  |  | 2.28  | 1.80  | -0.75 | 2.09 |
| Yi MINIMUM         | 0.01     | 0.12     | 0.00     | -0.01  | -0.10  | 0.00        | -0.06  | 0.03        | 0.02          |  |  |  |  |  | 0.01  | -0.08 | -0.01 | 0.50 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 2.37     | 0.74     | 8.83     | 0.91   | 2.52   | 2.58        | 9.44   | 9.72        | 9.58          |  |  |  |  |  | 27.52 | 4.07  |       |      |
| Ratings STD        | 1.08     | 0.04     | 0.28     | 0.17   | 0.56   | 0.64        | 0.23   | 0.17        | 0.19          |  |  |  |  |  | 1.43  | 0.16  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston A3

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 0.75     | 0.73     | 8.54     | 0.72   | 1.73   | 1.80        | 8.51   | 9.70        | 9.11          |  |  |  |  |  | 23.38 | 3.54 |
| Castillo George    | 0.75     | 0.73     | 8.70     | 0.82   | 1.36   | 2.02        | 8.60   | 9.85        | 9.23          |  |  |  |  |  | 23.61 | 3.51 |
| Garcia Orlando     | 0.75     | 0.72     | 8.51     | 0.90   | 1.71   | 2.46        | 7.73   | 9.67        | 8.70          |  |  |  |  |  | 23.75 | 3.58 |
| Garrett Thomas     | 0.75     | 0.73     | 8.98     | 0.70   | 1.65   | 1.71        | 8.16   | 9.70        | 8.93          |  |  |  |  |  | 23.45 | 3.57 |
| Hills Barry        | 1.45     | 1.48     | 7.93     | 1.44   | 2.22   | 0.86        | 9.81   | 9.81        | 9.81          |  |  |  |  |  | 25.19 | 3.76 |
| Kobrinetz Jack     | 0.75     | 0.74     | 8.83     | 0.81   | 1.61   | 1.52        | 8.70   | 9.80        | 9.25          |  |  |  |  |  | 23.51 | 3.56 |
| Lopez Frank        | 0.75     | 0.74     | 8.68     | 0.81   | 1.23   | 2.56        | 7.40   | 9.88        | 8.64          |  |  |  |  |  | 23.41 | 3.46 |
| Pansza Mike        | 0.62     | 0.74     | 8.74     | 0.87   | 1.62   | 1.88        | 7.96   | 9.66        | 8.81          |  |  |  |  |  | 23.28 | 3.54 |
| Radonich Peter     | 0.75     | 0.72     | 8.70     | 0.76   | 1.69   | 1.75        | 7.94   | 9.85        | 8.90          |  |  |  |  |  | 23.27 | 3.54 |
| Tschirhart Garland | 0.75     | 0.75     | 8.81     | 0.73   | 1.70   | 2.39        | 8.50   | 9.70        | 9.10          |  |  |  |  |  | 24.23 | 3.64 |
| Adams Patrick      | 0.34     | 0.70     | 8.57     | 0.74   | 1.49   | 1.39        | 8.68   | 9.80        | 9.24          |  |  |  |  |  | 22.47 | 3.42 |
| Avis Steve         | 0.56     | 0.72     | 8.83     | 0.72   | 1.61   | 1.80        | 8.29   | 9.78        | 9.04          |  |  |  |  |  | 23.28 | 3.54 |
| Barrera Tony       | 0.58     | 0.71     | 8.95     | 0.78   | 1.54   | 1.63        | 8.09   | 9.97        | 9.03          |  |  |  |  |  | 23.22 | 3.54 |
| Foecking Brian     | 0.75     | 0.73     | 8.57     | 0.97   | 1.64   | 1.92        | 8.50   | 9.85        | 9.18          |  |  |  |  |  | 23.76 | 3.57 |
| Lowsky John        | 0.75     | 0.75     | 7.90     | 0.84   | 2.00   | 2.55        | 7.10   | 9.13        | 8.12          |  |  |  |  |  | 22.91 | 3.49 |
| Ramirez Robert     | 0.75     | 0.69     | 8.34     | 1.30   | 1.86   | 2.06        | 8.46   | 9.79        | 9.13          |  |  |  |  |  | 24.13 | 3.65 |
| Rodriguez Jesse    | 0.75     | 0.71     | 8.38     | 0.77   | 2.29   | 1.66        | 8.46   | 9.85        | 9.16          |  |  |  |  |  | 23.72 | 3.67 |
| Sanchez Arthur     | 0.75     | 0.71     | 8.77     | 0.91   | 1.75   | 1.92        | 8.18   | 9.63        | 8.91          |  |  |  |  |  | 23.72 | 3.61 |
| Seiz Raymond       | 0.75     | 0.60     | 8.56     | 0.92   | 2.13   | 2.42        | 8.59   | 9.47        | 9.03          |  |  |  |  |  | 24.41 | 3.73 |
| Viera Ralph        | 0.38     | 0.58     | 8.79     | 0.90   | 2.01   | 2.08        | 8.78   | 9.88        | 9.33          |  |  |  |  |  | 24.07 | 3.71 |
| Yanchar Paul       | 0.75     | 0.70     | 8.90     | 0.77   | 1.61   | 1.78        | 8.40   | 9.70        | 9.05          |  |  |  |  |  | 23.56 | 3.57 |
| MAXIMUM            | 1.45     | 1.48     | 8.98     | 1.44   | 2.29   | 2.56        | 9.81   | 9.97        | 9.81          |  |  |  |  |  | 25.19 | 3.76 |
| MINIMUM            | 0.34     | 0.58     | 7.90     | 0.70   | 1.23   | 0.86        | 7.10   | 9.13        | 8.12          |  |  |  |  |  | 22.47 | 3.42 |
| RANGE (MAX-MIN)    | 1.11     | 0.90     | 1.08     | 0.74   | 1.06   | 1.70        | 2.71   | 0.84        | 1.70          |  |  |  |  |  | 2.72  | 0.33 |
| MEAN               | 0.72     | 0.75     | 8.62     | 0.87   | 1.74   | 1.91        | 8.33   | 9.74        | 9.03          |  |  |  |  |  | 23.63 | 3.58 |
| STD                | 0.21     | 0.17     | 0.29     | 0.19   | 0.27   | 0.42        | 0.55   | 0.18        | 0.32          |  |  |  |  |  | 0.57  | 0.09 |



yi within 1 82.0%  
 yi within 2 93.1%  
 yi within 3 97.9%

PART ID = Sequence III Piston A3

## YI VALUES

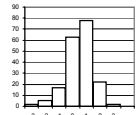
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | 0.13     | -0.10    | -0.27    | -0.79  | -0.02  | -0.27       | 0.33   | -0.21       | 0.23          |  |  |  |  |  | -0.45 | -0.50 | -0.17 | 0.33 |
| Castillo George    | 0.13     | -0.10    | 0.28     | -0.25  | -1.40  | 0.26        | 0.50   | 0.64        | 0.60          |  |  |  |  |  | -0.05 | -0.84 | -0.02 | 0.63 |
| Garcia Orlando     | 0.13     | -0.15    | -0.37    | 0.19   | -0.10  | 1.32        | -1.08  | -0.38       | -1.03         |  |  |  |  |  | 0.21  | -0.04 | -0.12 | 0.65 |
| Garrett Thomas     | 0.13     | -0.10    | 1.25     | -0.89  | -0.32  | -0.49       | -0.30  | -0.21       | -0.31         |  |  |  |  |  | -0.32 | -0.10 | -0.15 | 0.53 |
| Hills Barry        | 3.50     | 4.23     | -2.37    | 3.10   | 1.81   | -2.53       | 2.70   | 0.41        | 2.42          |  |  |  |  |  | 2.74  | 2.02  | 1.64  | 2.24 |
| Kobrinetz Jack     | 0.13     | -0.04    | 0.73     | -0.30  | -0.47  | -0.94       | 0.68   | 0.36        | 0.68          |  |  |  |  |  | -0.22 | -0.23 | 0.03  | 0.54 |
| Lopez Frank        | 0.13     | -0.04    | 0.21     | -0.30  | -1.89  | 1.56        | -1.68  | 0.81        | -1.21         |  |  |  |  |  | -0.39 | -1.39 | -0.38 | 1.08 |
| Pansza Mike        | -0.50    | -0.04    | 0.42     | 0.02   | -0.43  | -0.08       | -0.66  | -0.43       | -0.69         |  |  |  |  |  | -0.62 | -0.47 | -0.32 | 0.35 |
| Radonich Peter     | 0.13     | -0.15    | 0.28     | -0.57  | -0.17  | -0.39       | -0.70  | 0.64        | -0.42         |  |  |  |  |  | -0.65 | -0.51 | -0.23 | 0.42 |
| Tschirhart Garland | 0.13     | 0.02     | 0.66     | -0.73  | -0.13  | 1.15        | 0.32   | -0.21       | 0.21          |  |  |  |  |  | 1.05  | 0.73  | 0.29  | 0.57 |
| Adams Patrick      | -1.84    | -0.27    | -0.17    | -0.68  | -0.92  | -1.26       | 0.64   | 0.36        | 0.65          |  |  |  |  |  | -2.04 | -1.80 | -0.67 | 0.99 |
| Avis Steve         | -0.78    | -0.15    | 0.73     | -0.79  | -0.47  | -0.27       | -0.06  | 0.24        | 0.01          |  |  |  |  |  | -0.63 | -0.44 | -0.24 | 0.46 |
| Barrera Tony       | -0.69    | -0.21    | 1.14     | -0.46  | -0.73  | -0.68       | -0.43  | 1.31        | 0.00          |  |  |  |  |  | -0.73 | -0.51 | -0.18 | 0.73 |
| Foecking Brian     | 0.13     | -0.10    | -0.17    | 0.56   | -0.36  | 0.02        | 0.32   | 0.64        | 0.45          |  |  |  |  |  | 0.22  | -0.09 | 0.15  | 0.32 |
| Lowsky John        | 0.13     | 0.02     | -2.48    | -0.14  | 0.99   | 1.53        | -2.23  | -3.41       | -2.84         |  |  |  |  |  | -1.28 | -1.08 | -0.98 | 1.63 |
| Ramirez Robert     | 0.13     | -0.33    | -0.96    | 2.34   | 0.47   | 0.35        | 0.24   | 0.30        | 0.29          |  |  |  |  |  | 0.87  | 0.76  | 0.41  | 0.81 |
| Rodriguez Jesse    | 0.13     | -0.21    | -0.82    | -0.52  | 2.07   | -0.61       | 0.24   | 0.64        | 0.38          |  |  |  |  |  | 0.15  | 1.02  | 0.23  | 0.82 |
| Sanchez Arthur     | 0.13     | -0.21    | 0.52     | 0.24   | 0.05   | 0.02        | -0.26  | -0.60       | -0.39         |  |  |  |  |  | 0.15  | 0.31  | 0.00  | 0.33 |
| Seiz Raymond       | 0.13     | -0.85    | -0.20    | 0.29   | 1.46   | 1.22        | 0.48   | -1.50       | 0.00          |  |  |  |  |  | 1.36  | 1.73  | 0.37  | 1.01 |
| Viera Ralph        | -1.65    | -0.96    | 0.59     | 0.19   | 1.03   | 0.40        | 0.83   | 0.81        | 0.93          |  |  |  |  |  | 0.77  | 1.54  | 0.41  | 0.93 |
| Yanchar Paul       | 0.13     | -0.27    | 0.97     | -0.52  | -0.47  | -0.32       | 0.13   | -0.21       | 0.06          |  |  |  |  |  | -0.13 | -0.12 | -0.07 | 0.41 |
| Yi MAXIMUM         | 3.50     | 4.23     | -2.48    | 3.10   | 2.07   | -2.53       | 2.70   | -3.41       | -2.84         |  |  |  |  |  | 2.74  | 2.02  | 1.64  | 2.24 |
| Yi MINIMUM         | 0.13     | 0.02     | -0.17    | 0.02   | -0.02  | 0.02        | -0.06  | -0.21       | 0.00          |  |  |  |  |  | -0.05 | -0.04 | 0.00  | 0.32 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 0.72     | 0.75     | 8.62     | 0.87   | 1.74   | 1.91        | 8.33   | 9.74        | 9.03          |  |  |  |  |  | 23.63 | 3.58  |       |      |
| Ratings STD        | 0.21     | 0.17     | 0.29     | 0.19   | 0.27   | 0.42        | 0.55   | 0.18        | 0.32          |  |  |  |  |  | 0.57  | 0.09  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston A4

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 0.64     | 3.83     | 6.78     | 3.62   | 6.86   | 1.00        | 9.20   | 10.00       | 9.60          |  |  |  |  |  | 32.33 | 5.43 |
| Castillo George    | 0.69     | 3.72     | 7.68     | 2.92   | 6.99   | 0.88        | 9.32   | 9.90        | 9.61          |  |  |  |  |  | 32.49 | 5.53 |
| Garcia Orlando     | 0.87     | 4.46     | 7.60     | 2.89   | 6.74   | 1.18        | 8.85   | 9.80        | 9.33          |  |  |  |  |  | 33.07 | 5.52 |
| Garrett Thomas     | 0.75     | 4.02     | 8.27     | 3.24   | 7.30   | 0.96        | 9.08   | 9.85        | 9.47          |  |  |  |  |  | 34.01 | 5.81 |
| Hills Barry        | 0.69     | 5.43     | 7.57     | 3.44   | 6.79   | 1.08        | 9.49   | 9.89        | 9.69          |  |  |  |  |  | 34.69 | 5.72 |
| Kobrinetz Jack     | 0.84     | 4.77     | 8.22     | 2.77   | 7.06   | 0.96        | 9.60   | 9.90        | 9.75          |  |  |  |  |  | 34.37 | 5.77 |
| Lopez Frank        | 0.75     | 4.50     | 7.60     | 3.30   | 6.84   | 0.99        | 9.20   | 9.90        | 9.55          |  |  |  |  |  | 33.53 | 5.61 |
| Pansza Mike        | 0.64     | 4.14     | 7.82     | 2.76   | 7.00   | 0.99        | 9.56   | 9.62        | 9.59          |  |  |  |  |  | 32.94 | 5.58 |
| Radonich Peter     | 0.76     | 4.85     | 8.40     | 3.48   | 7.85   | 1.10        | 9.11   | 9.90        | 9.51          |  |  |  |  |  | 35.95 | 6.14 |
| Tschirhart Garland | 0.75     | 5.15     | 7.45     | 3.01   | 7.38   | 0.97        | 9.30   | 9.80        | 9.55          |  |  |  |  |  | 34.26 | 5.76 |
| Adams Patrick      | 0.52     | 5.36     | 7.83     | 3.80   | 7.07   | 0.75        | 9.26   | 9.80        | 9.53          |  |  |  |  |  | 34.86 | 5.85 |
| Avis Steve         | 0.65     | 4.85     | 8.21     | 2.86   | 7.90   | 0.75        | 9.47   | 9.88        | 9.68          |  |  |  |  |  | 34.90 | 6.00 |
| Barrera Tony       | 0.64     | 4.42     | 8.17     | 2.96   | 7.16   | 0.94        | 9.21   | 9.99        | 9.60          |  |  |  |  |  | 33.89 | 5.75 |
| Foecking Brian     | 0.84     | 4.69     | 8.32     | 3.26   | 7.60   | 1.33        | 9.48   | 9.90        | 9.69          |  |  |  |  |  | 35.73 | 6.05 |
| Lowsky John        | 0.75     | 6.02     | 7.65     | 4.44   | 7.33   | 0.75        | 8.65   | 9.08        | 8.87          |  |  |  |  |  | 35.81 | 6.00 |
| Ramirez Robert     | 0.79     | 4.58     | 7.38     | 3.51   | 6.83   | 1.33        | 8.72   | 9.80        | 9.26          |  |  |  |  |  | 33.68 | 5.61 |
| Rodriguez Jesse    | 0.75     | 4.48     | 8.02     | 2.27   | 7.38   | 1.02        | 9.53   | 9.89        | 9.71          |  |  |  |  |  | 33.63 | 5.72 |
| Sanchez Arthur     | 0.75     | 4.83     | 8.05     | 3.91   | 7.56   | 0.94        | 9.13   | 9.68        | 9.41          |  |  |  |  |  | 35.45 | 6.02 |
| Seiz Raymond       | 0.38     | 3.96     | 7.56     | 3.48   | 6.25   | 1.15        | 9.37   | 9.58        | 9.48          |  |  |  |  |  | 32.25 | 5.39 |
| Viera Ralph        | 0.62     | 4.67     | 8.35     | 3.73   | 7.25   | 1.14        | 9.27   | 10.00       | 9.64          |  |  |  |  |  | 35.40 | 5.98 |
| Yanchar Paul       | 0.80     | 4.70     | 8.14     | 2.77   | 7.24   | 1.05        | 9.35   | 9.85        | 9.60          |  |  |  |  |  | 34.30 | 5.79 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |      |
| MAXIMUM            | 0.87     | 6.02     | 8.40     | 4.44   | 7.90   | 1.33        | 9.60   | 10.00       | 9.75          |  |  |  |  |  | 35.95 | 6.14 |
| MINIMUM            | 0.38     | 3.72     | 6.78     | 2.27   | 6.25   | 0.75        | 8.65   | 9.08        | 8.87          |  |  |  |  |  | 32.25 | 5.39 |
| RANGE (MAX-MIN)    | 0.50     | 2.30     | 1.62     | 2.17   | 1.65   | 0.58        | 0.95   | 0.92        | 0.89          |  |  |  |  |  | 3.70  | 0.76 |
| MEAN               | 0.71     | 4.64     | 7.86     | 3.26   | 7.16   | 1.01        | 9.25   | 9.81        | 9.53          |  |  |  |  |  | 34.17 | 5.76 |
| STD                | 0.11     | 0.56     | 0.41     | 0.50   | 0.39   | 0.16        | 0.26   | 0.20        | 0.20          |  |  |  |  |  | 1.15  | 0.21 |



yi within 1 74.6%  
 yi within 2 95.2%  
 yi within 3 98.9%

PART ID = Sequence III Piston A4

## YI VALUES

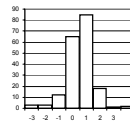
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -0.59    | -1.46    | -2.64    | 0.73   | -0.77  | -0.08       | -0.17  | 0.95        | 0.37          |  |  |  |  |  | -1.60 | -1.55 | -0.62 | 1.11 |
| Castillo George    | -0.16    | -1.65    | -0.44    | -0.68  | -0.44  | -0.82       | 0.29   | 0.45        | 0.42          |  |  |  |  |  | -1.46 | -1.11 | -0.51 | 0.72 |
| Garcia Orlando     | 1.42     | -0.32    | -0.64    | -0.74  | -1.08  | 1.04        | -1.52  | -0.05       | -1.03         |  |  |  |  |  | -0.96 | -1.16 | -0.46 | 0.93 |
| Garrett Thomas     | 0.37     | -1.11    | 1.00     | -0.04  | 0.36   | -0.32       | -0.63  | 0.20        | -0.32         |  |  |  |  |  | -0.14 | 0.23  | -0.04 | 0.57 |
| Hills Barry        | -0.16    | 1.42     | -0.71    | 0.37   | -0.95  | 0.42        | 0.94   | 0.40        | 0.83          |  |  |  |  |  | 0.46  | -0.19 | 0.26  | 0.71 |
| Kobrinetz Jack     | 1.16     | 0.23     | 0.88     | -0.98  | -0.26  | -0.32       | 1.36   | 0.45        | 1.13          |  |  |  |  |  | 0.18  | 0.02  | 0.35  | 0.73 |
| Lopez Frank        | 0.37     | -0.25    | -0.64    | 0.08   | -0.82  | -0.14       | -0.17  | 0.45        | 0.11          |  |  |  |  |  | -0.55 | -0.72 | -0.21 | 0.44 |
| Pansza Mike        | -0.59    | -0.90    | -0.10    | -1.00  | -0.41  | -0.14       | 1.21   | -0.95       | 0.32          |  |  |  |  |  | -1.07 | -0.85 | -0.41 | 0.70 |
| Radonich Peter     | 0.46     | 0.38     | 1.32     | 0.45   | 1.76   | 0.54        | -0.52  | 0.45        | -0.12         |  |  |  |  |  | 1.55  | 1.77  | 0.73  | 0.76 |
| Tschirhart Garland | 0.37     | 0.92     | -1.00    | -0.50  | 0.56   | -0.26       | 0.21   | -0.05       | 0.11          |  |  |  |  |  | 0.08  | -0.01 | 0.04  | 0.52 |
| Adams Patrick      | -1.64    | 1.30     | -0.07    | 1.09   | -0.23  | -1.62       | 0.06   | -0.05       | 0.01          |  |  |  |  |  | 0.60  | 0.40  | -0.02 | 0.94 |
| Avis Steve         | -0.51    | 0.38     | 0.85     | -0.80  | 1.89   | -1.62       | 0.86   | 0.35        | 0.75          |  |  |  |  |  | 0.63  | 1.12  | 0.36  | 0.98 |
| Barrera Tony       | -0.59    | -0.39    | 0.76     | -0.60  | 0.00   | -0.45       | -0.14  | 0.90        | 0.37          |  |  |  |  |  | -0.24 | -0.04 | -0.04 | 0.51 |
| Foecking Brian     | 1.16     | 0.09     | 1.12     | 0.00   | 1.12   | 1.97        | 0.90   | 0.45        | 0.83          |  |  |  |  |  | 1.36  | 1.33  | 0.94  | 0.58 |
| Lowsky John        | 0.37     | 2.48     | -0.51    | 2.38   | 0.43   | -1.62       | -2.28  | -3.64       | -3.38         |  |  |  |  |  | 1.43  | 1.09  | -0.30 | 2.17 |
| Ramirez Robert     | 0.72     | -0.11    | -1.17    | 0.51   | -0.85  | 1.97        | -2.02  | -0.05       | -1.36         |  |  |  |  |  | -0.42 | -0.72 | -0.32 | 1.11 |
| Rodriguez Jesse    | 0.37     | -0.29    | 0.39     | -1.99  | 0.56   | 0.05        | 1.09   | 0.40        | 0.93          |  |  |  |  |  | -0.47 | -0.21 | 0.08  | 0.84 |
| Sanchez Arthur     | 0.37     | 0.34     | 0.46     | 1.31   | 1.02   | -0.45       | -0.44  | -0.65       | -0.62         |  |  |  |  |  | 1.11  | 1.20  | 0.33  | 0.77 |
| Seiz Raymond       | -2.91    | -1.22    | -0.73    | 0.44   | -2.33  | 0.85        | 0.48   | -1.15       | -0.27         |  |  |  |  |  | -1.67 | -1.77 | -0.93 | 1.22 |
| Viera Ralph        | -0.77    | 0.05     | 1.20     | 0.95   | 0.23   | 0.79        | 0.10   | 0.95        | 0.55          |  |  |  |  |  | 1.07  | 1.02  | 0.56  | 0.60 |
| Yanchar Paul       | 0.81     | 0.11     | 0.68     | -0.98  | 0.20   | 0.23        | 0.40   | 0.20        | 0.37          |  |  |  |  |  | 0.12  | 0.13  | 0.21  | 0.46 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |       |       |      |
| Yi MAXIMUM         | -2.91    | 2.48     | -2.64    | 2.38   | -2.33  | 1.97        | -2.28  | -3.64       | -3.38         |  |  |  |  |  | -1.67 | 1.77  | 0.94  | 2.17 |
| Yi MINIMUM         | -0.16    | 0.05     | -0.07    | 0.00   | 0.00   | 0.05        | 0.06   | -0.05       | 0.01          |  |  |  |  |  | 0.08  | -0.01 | -0.02 | 0.44 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 0.71     | 4.64     | 7.86     | 3.26   | 7.16   | 1.01        | 9.25   | 9.81        | 9.53          |  |  |  |  |  | 34.17 | 5.76  |       |      |
| Ratings STD        | 0.11     | 0.56     | 0.41     | 0.50   | 0.39   | 0.16        | 0.26   | 0.20        | 0.20          |  |  |  |  |  | 1.15  | 0.21  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston A5

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 0.75     | 3.69     | 8.91     | 1.04   | 6.93   | 2.40        | 9.60   | 9.90        | 9.75          |  |  |  |  |  | 33.47 | 5.64 |
| Castillo George    | 0.83     | 3.00     | 9.26     | 0.99   | 7.08   | 2.62        | 9.42   | 9.90        | 9.66          |  |  |  |  |  | 33.44 | 5.69 |
| Garcia Orlando     | 0.79     | 3.56     | 8.67     | 1.21   | 6.85   | 2.42        | 9.44   | 9.81        | 9.63          |  |  |  |  |  | 33.13 | 5.57 |
| Garrett Thomas     | 0.75     | 3.21     | 9.52     | 1.05   | 7.50   | 2.31        | 9.42   | 9.82        | 9.62          |  |  |  |  |  | 33.96 | 5.86 |
| Hills Barry        | 0.73     | 3.93     | 9.08     | 1.37   | 7.20   | 2.10        | 9.74   | 9.88        | 9.81          |  |  |  |  |  | 34.22 | 5.80 |
| Kobrinetz Jack     | 0.81     | 3.46     | 9.18     | 0.85   | 7.58   | 2.39        | 9.63   | 9.80        | 9.72          |  |  |  |  |  | 33.99 | 5.83 |
| Lopez Frank        | 0.75     | 3.30     | 8.72     | 1.17   | 7.21   | 3.44        | 9.43   | 9.90        | 9.67          |  |  |  |  |  | 34.26 | 5.76 |
| Pansza Mike        | 0.81     | 2.86     | 8.36     | 1.74   | 7.16   | 2.92        | 9.62   | 9.82        | 9.72          |  |  |  |  |  | 33.57 | 5.67 |
| Radonich Peter     | 0.78     | 2.95     | 9.45     | 0.98   | 7.55   | 2.65        | 9.20   | 9.85        | 9.53          |  |  |  |  |  | 33.89 | 5.85 |
| Tschirhart Garland | 0.76     | 3.19     | 8.15     | 0.99   | 7.49   | 2.50        | 9.30   | 9.80        | 9.55          |  |  |  |  |  | 32.63 | 5.59 |
| Adams Patrick      | 0.82     | 3.77     | 8.90     | 1.40   | 7.02   | 1.80        | 9.42   | 9.80        | 9.61          |  |  |  |  |  | 33.32 | 5.66 |
| Avis Steve         | 0.68     | 3.47     | 9.48     | 0.98   | 7.68   | 2.24        | 9.46   | 9.82        | 9.64          |  |  |  |  |  | 34.17 | 5.92 |
| Barrera Tony       | 0.75     | 3.03     | 9.37     | 0.94   | 7.54   | 2.52        | 9.71   | 9.96        | 9.84          |  |  |  |  |  | 33.99 | 5.85 |
| Foecking Brian     | 0.92     | 2.36     | 9.10     | 1.16   | 7.65   | 2.38        | 9.44   | 9.90        | 9.67          |  |  |  |  |  | 33.24 | 5.78 |
| Lowsky John        | 0.92     | 3.41     | 8.57     | 1.04   | 7.58   | 3.60        | 8.43   | 9.20        | 8.82          |  |  |  |  |  | 33.94 | 5.77 |
| Ramirez Robert     | 0.92     | 2.94     | 8.08     | 1.17   | 7.01   | 3.22        | 9.26   | 9.82        | 9.54          |  |  |  |  |  | 32.88 | 5.51 |
| Rodriguez Jesse    | 0.73     | 3.50     | 9.18     | 1.03   | 7.57   | 2.72        | 9.62   | 9.89        | 9.76          |  |  |  |  |  | 34.49 | 5.90 |
| Sanchez Arthur     | 0.94     | 2.01     | 9.14     | 1.28   | 7.52   | 3.25        | 9.31   | 9.64        | 9.48          |  |  |  |  |  | 33.62 | 5.80 |
| Seiz Raymond       | 0.75     | 3.25     | 8.95     | 1.05   | 7.27   | 4.83        | 9.32   | 9.40        | 9.36          |  |  |  |  |  | 35.46 | 5.91 |
| Viera Ralph        | 0.88     | 2.84     | 9.11     | 1.24   | 8.23   | 3.00        | 9.45   | 9.96        | 9.71          |  |  |  |  |  | 35.01 | 6.08 |
| Yanchar Paul       | 0.80     | 3.30     | 9.35     | 0.91   | 7.32   | 2.42        | 9.40   | 9.80        | 9.60          |  |  |  |  |  | 33.70 | 5.77 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |      |
| MAXIMUM            | 0.94     | 3.93     | 9.52     | 1.74   | 8.23   | 4.83        | 9.74   | 9.96        | 9.84          |  |  |  |  |  | 35.46 | 6.08 |
| MINIMUM            | 0.68     | 2.01     | 8.08     | 0.85   | 6.85   | 1.80        | 8.43   | 9.20        | 8.82          |  |  |  |  |  | 32.63 | 5.51 |
| RANGE (MAX-MIN)    | 0.26     | 1.92     | 1.44     | 0.89   | 1.38   | 3.03        | 1.31   | 0.76        | 1.02          |  |  |  |  |  | 2.83  | 0.57 |
| MEAN               | 0.80     | 3.19     | 8.98     | 1.12   | 7.38   | 2.75        | 9.41   | 9.79        | 9.60          |  |  |  |  |  | 33.83 | 5.77 |
| STD                | 0.07     | 0.45     | 0.42     | 0.20   | 0.32   | 0.66        | 0.27   | 0.18        | 0.21          |  |  |  |  |  | 0.67  | 0.14 |



yi within 1 79.4%  
 yi within 2 95.2%  
 yi within 3 97.4%

PART ID = Sequence III Piston A5

## YI VALUES

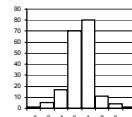
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -0.72    | 1.10     | -0.16    | -0.41  | -1.39  | -0.53       | 0.71   | 0.59        | 0.70          |  |  |  |  |  | -0.53 | -0.99 | -0.15 | 0.81 |
| Castillo George    | 0.36     | -0.42    | 0.67     | -0.65  | -0.93  | -0.20       | 0.04   | 0.59        | 0.27          |  |  |  |  |  | -0.58 | -0.58 | -0.13 | 0.55 |
| Garcia Orlando     | -0.18    | 0.81     | -0.73    | 0.42   | -1.64  | -0.50       | 0.11   | 0.09        | 0.11          |  |  |  |  |  | -1.05 | -1.49 | -0.37 | 0.79 |
| Garrett Thomas     | -0.72    | 0.04     | 1.30     | -0.36  | 0.38   | -0.67       | 0.04   | 0.14        | 0.08          |  |  |  |  |  | 0.20  | 0.67  | 0.10  | 0.58 |
| Hills Barry        | -0.99    | 1.63     | 0.24     | 1.21   | -0.55  | -0.99       | 1.23   | 0.48        | 0.98          |  |  |  |  |  | 0.59  | 0.22  | 0.37  | 0.90 |
| Kobrinetz Jack     | 0.09     | 0.59     | 0.48     | -1.34  | 0.63   | -0.55       | 0.82   | 0.03        | 0.53          |  |  |  |  |  | 0.24  | 0.46  | 0.18  | 0.63 |
| Lopez Frank        | -0.72    | 0.24     | -0.62    | 0.23   | -0.52  | 1.05        | 0.07   | 0.59        | 0.30          |  |  |  |  |  | 0.65  | -0.08 | 0.11  | 0.56 |
| Pansza Mike        | 0.09     | -0.73    | -1.48    | 3.02   | -0.68  | 0.26        | 0.78   | 0.14        | 0.56          |  |  |  |  |  | -0.38 | -0.74 | 0.08  | 1.18 |
| Radonich Peter     | -0.32    | -0.53    | 1.13     | -0.70  | 0.53   | -0.15       | -0.79  | 0.31        | -0.36         |  |  |  |  |  | 0.09  | 0.60  | -0.02 | 0.61 |
| Tschirhart Garland | -0.59    | 0.00     | -1.98    | -0.65  | 0.35   | -0.38       | -0.41  | 0.03        | -0.25         |  |  |  |  |  | -1.80 | -1.37 | -0.64 | 0.76 |
| Adams Patrick      | 0.23     | 1.28     | -0.19    | 1.36   | -1.11  | -1.45       | 0.04   | 0.03        | 0.04          |  |  |  |  |  | -0.76 | -0.87 | -0.13 | 0.90 |
| Avis Steve         | -1.67    | 0.62     | 1.20     | -0.70  | 0.94   | -0.78       | 0.18   | 0.14        | 0.18          |  |  |  |  |  | 0.52  | 1.07  | 0.15  | 0.88 |
| Barrera Tony       | -0.72    | -0.36    | 0.94     | -0.90  | 0.50   | -0.35       | 1.12   | 0.92        | 1.10          |  |  |  |  |  | 0.24  | 0.60  | 0.28  | 0.75 |
| Foecking Brian     | 1.58     | -1.84    | 0.29     | 0.18   | 0.85   | -0.56       | 0.11   | 0.59        | 0.32          |  |  |  |  |  | -0.88 | 0.03  | 0.06  | 0.91 |
| Lowsky John        | 1.58     | 0.48     | -0.97    | -0.41  | 0.63   | 1.30        | -3.66  | -3.28       | -3.71         |  |  |  |  |  | 0.16  | 0.00  | -0.72 | 1.95 |
| Ramirez Robert     | 1.58     | -0.56    | -2.14    | 0.23   | -1.14  | 0.72        | -0.56  | 0.14        | -0.29         |  |  |  |  |  | -1.42 | -1.94 | -0.49 | 1.13 |
| Rodriguez Jesse    | -0.99    | 0.68     | 0.48     | -0.46  | 0.60   | -0.04       | 0.78   | 0.53        | 0.72          |  |  |  |  |  | 0.99  | 0.91  | 0.38  | 0.62 |
| Sanchez Arthur     | 1.85     | -2.61    | 0.39     | 0.77   | 0.44   | 0.76        | -0.38  | -0.85       | -0.60         |  |  |  |  |  | -0.32 | 0.18  | -0.03 | 1.15 |
| Seiz Raymond       | -0.72    | 0.13     | -0.07    | -0.36  | -0.34  | 3.17        | -0.34  | -2.18       | -1.14         |  |  |  |  |  | 2.46  | 1.02  | 0.15  | 1.54 |
| Viera Ralph        | 1.04     | -0.78    | 0.32     | 0.57   | 2.65   | 0.38        | 0.15   | 0.92        | 0.48          |  |  |  |  |  | 1.77  | 2.25  | 0.89  | 1.00 |
| Yanchar Paul       | -0.05    | 0.24     | 0.89     | -1.05  | -0.18  | -0.50       | -0.04  | 0.03        | -0.01         |  |  |  |  |  | -0.19 | 0.02  | -0.08 | 0.47 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |       |       |      |
| Yi MAXIMUM         | 1.85     | -2.61    | -2.14    | 3.02   | 2.65   | 3.17        | -3.66  | -3.28       | -3.71         |  |  |  |  |  | 2.46  | 2.25  | 0.89  | 1.95 |
| Yi MINIMUM         | -0.05    | 0.00     | -0.07    | 0.18   | -0.18  | -0.04       | 0.04   | 0.03        | -0.01         |  |  |  |  |  | 0.09  | 0.00  | -0.02 | 0.47 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 0.80     | 3.19     | 8.98     | 1.12   | 7.38   | 2.75        | 9.41   | 9.79        | 9.60          |  |  |  |  |  | 33.83 | 5.77  |       |      |
| Ratings STD        | 0.07     | 0.45     | 0.42     | 0.20   | 0.32   | 0.66        | 0.27   | 0.18        | 0.21          |  |  |  |  |  | 0.67  | 0.14  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston A6

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 0.68     | 1.05     | 8.76     | 0.60   | 4.94   | 2.05        | 8.40   | 10.00       | 9.20          |  |  |  |  |  | 27.28 | 4.59 |
| Castillo George    | 0.81     | 0.94     | 8.94     | 0.86   | 4.42   | 2.13        | 9.18   | 9.95        | 9.57          |  |  |  |  |  | 27.67 | 4.55 |
| Garcia Orlando     | 0.89     | 0.94     | 8.54     | 0.88   | 4.02   | 2.20        | 8.42   | 9.90        | 9.16          |  |  |  |  |  | 26.63 | 4.32 |
| Garrett Thomas     | 0.90     | 1.01     | 9.19     | 0.84   | 4.45   | 1.98        | 9.07   | 9.90        | 9.49          |  |  |  |  |  | 27.86 | 4.59 |
| Hills Barry        | 0.75     | 1.05     | 8.90     | 0.73   | 3.83   | 2.05        | 8.95   | 9.90        | 9.43          |  |  |  |  |  | 26.74 | 4.33 |
| Kobrinetz Jack     | 0.90     | 1.05     | 9.07     | 0.66   | 4.89   | 1.94        | 9.20   | 9.90        | 9.55          |  |  |  |  |  | 28.06 | 4.68 |
| Lopez Frank        | 0.75     | 0.92     | 8.44     | 0.80   | 4.36   | 2.30        | 9.10   | 9.90        | 9.50          |  |  |  |  |  | 27.07 | 4.43 |
| Pansza Mike        | 0.80     | 2.21     | 8.58     | 1.14   | 4.32   | 2.24        | 8.84   | 9.82        | 9.33          |  |  |  |  |  | 28.62 | 4.60 |
| Radonich Peter     | 0.76     | 0.99     | 9.00     | 0.62   | 4.70   | 2.52        | 8.83   | 9.90        | 9.37          |  |  |  |  |  | 27.96 | 4.63 |
| Tschirhart Garland | 0.75     | 1.03     | 9.10     | 0.60   | 4.80   | 2.40        | 8.96   | 9.90        | 9.43          |  |  |  |  |  | 28.11 | 4.67 |
| Adams Patrick      | 0.95     | 1.10     | 9.01     | 0.78   | 4.83   | 1.75        | 9.20   | 9.80        | 9.50          |  |  |  |  |  | 27.92 | 4.65 |
| Avis Steve         | 0.66     | 0.91     | 9.09     | 0.69   | 4.64   | 1.65        | 9.19   | 9.90        | 9.55          |  |  |  |  |  | 27.19 | 4.56 |
| Barrera Tony       | 0.78     | 1.00     | 8.62     | 0.64   | 4.56   | 2.10        | 9.29   | 9.90        | 9.60          |  |  |  |  |  | 27.30 | 4.50 |
| Foecking Brian     | 1.08     | 1.24     | 8.77     | 0.70   | 4.68   | 1.85        | 8.83   | 9.90        | 9.37          |  |  |  |  |  | 27.69 | 4.66 |
| Lowsky John        | 0.75     | 1.18     | 8.15     | 0.75   | 4.96   | 2.69        | 8.00   | 9.35        | 8.68          |  |  |  |  |  | 27.16 | 4.52 |
| Ramirez Robert     | 0.88     | 0.98     | 8.68     | 1.02   | 4.71   | 2.64        | 8.80   | 9.87        | 9.34          |  |  |  |  |  | 28.25 | 4.64 |
| Rodriguez Jesse    | 0.75     | 0.98     | 8.85     | 0.69   | 4.70   | 2.12        | 9.07   | 9.86        | 9.47          |  |  |  |  |  | 27.56 | 4.58 |
| Sanchez Arthur     | 0.75     | 0.93     | 8.94     | 1.01   | 4.19   | 1.53        | 8.70   | 9.64        | 9.17          |  |  |  |  |  | 26.52 | 4.40 |
| Seiz Raymond       | 1.06     | 1.30     | 8.90     | 0.84   | 3.46   | 2.40        | 9.05   | 9.40        | 9.23          |  |  |  |  |  | 27.19 | 4.29 |
| Viera Ralph        | 0.60     | 1.10     | 9.04     | 0.84   | 5.76   | 2.10        | 9.12   | 9.99        | 9.56          |  |  |  |  |  | 29.00 | 4.97 |
| Yanchar Paul       | 0.75     | 1.03     | 8.92     | 0.72   | 4.48   | 1.85        | 8.90   | 9.80        | 9.35          |  |  |  |  |  | 27.10 | 4.50 |
| MAXIMUM            | 1.08     | 2.21     | 9.19     | 1.14   | 5.76   | 2.69        | 9.29   | 10.00       | 9.60          |  |  |  |  |  | 29.00 | 4.97 |
| MINIMUM            | 0.60     | 0.91     | 8.15     | 0.60   | 3.46   | 1.53        | 8.00   | 9.35        | 8.68          |  |  |  |  |  | 26.52 | 4.29 |
| RANGE (MAX-MIN)    | 0.48     | 1.30     | 1.04     | 0.54   | 2.30   | 1.16        | 1.29   | 0.65        | 0.92          |  |  |  |  |  | 2.47  | 0.68 |
| MEAN               | 0.81     | 1.09     | 8.83     | 0.78   | 4.56   | 2.12        | 8.91   | 9.83        | 9.37          |  |  |  |  |  | 27.56 | 4.55 |
| STD                | 0.12     | 0.28     | 0.26     | 0.15   | 0.47   | 0.31        | 0.32   | 0.17        | 0.21          |  |  |  |  |  | 0.64  | 0.15 |



yi within 1 79.4%  
 yi within 2 94.2%  
 yi within 3 98.9%

PART ID = Sequence III Piston A6

## YI VALUES

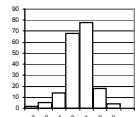
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -1.07    | -0.15    | -0.28    | -1.25  | 0.82   | -0.22       | -1.60  | 0.99        | -0.82         |  |  |  |  |  | -0.44 | 0.26  | -0.34 | 0.82 |
| Castillo George    | 0.00     | -0.55    | 0.42     | 0.54   | -0.29  | 0.04        | 0.85   | 0.69        | 0.93          |  |  |  |  |  | 0.16  | -0.02 | 0.25  | 0.48 |
| Garcia Orlando     | 0.66     | -0.55    | -1.14    | 0.68   | -1.15  | 0.27        | -1.54  | 0.40        | -1.01         |  |  |  |  |  | -1.45 | -1.52 | -0.58 | 0.91 |
| Garrett Thomas     | 0.75     | -0.30    | 1.39     | 0.40   | -0.23  | -0.45       | 0.50   | 0.40        | 0.55          |  |  |  |  |  | 0.45  | 0.28  | 0.34  | 0.52 |
| Hills Barry        | -0.49    | -0.15    | 0.26     | -0.35  | -1.56  | -0.22       | 0.13   | 0.40        | 0.26          |  |  |  |  |  | -1.29 | -1.47 | -0.41 | 0.72 |
| Kobrinetz Jack     | 0.75     | -0.15    | 0.93     | -0.84  | 0.71   | -0.58       | 0.91   | 0.40        | 0.86          |  |  |  |  |  | 0.77  | 0.86  | 0.42  | 0.64 |
| Lopez Frank        | -0.49    | -0.62    | -1.53    | 0.13   | -0.42  | 0.59        | 0.60   | 0.40        | 0.62          |  |  |  |  |  | -0.77 | -0.82 | -0.21 | 0.72 |
| Pansza Mike        | -0.08    | 4.05     | -0.99    | 2.47   | -0.51  | 0.40        | -0.22  | -0.07       | -0.20         |  |  |  |  |  | 1.64  | 0.34  | 0.62  | 1.50 |
| Radonich Peter     | -0.41    | -0.37    | 0.65     | -1.11  | 0.31   | 1.31        | -0.25  | 0.40        | -0.03         |  |  |  |  |  | 0.61  | 0.52  | 0.15  | 0.66 |
| Tschirhart Garland | -0.49    | -0.23    | 1.04     | -1.25  | 0.52   | 0.92        | 0.16   | 0.40        | 0.28          |  |  |  |  |  | 0.85  | 0.82  | 0.28  | 0.70 |
| Adams Patrick      | 1.16     | 0.03     | 0.69     | -0.01  | 0.58   | -1.20       | 0.91   | -0.19       | 0.62          |  |  |  |  |  | 0.56  | 0.67  | 0.35  | 0.66 |
| Avis Steve         | -1.23    | -0.66    | 1.00     | -0.63  | 0.18   | -1.53       | 0.88   | 0.40        | 0.84          |  |  |  |  |  | -0.59 | 0.05  | -0.12 | 0.87 |
| Barrera Tony       | -0.24    | -0.33    | -0.83    | -0.97  | 0.01   | -0.06       | 1.20   | 0.40        | 1.07          |  |  |  |  |  | -0.42 | -0.35 | -0.05 | 0.70 |
| Foecking Brian     | 2.23     | 0.54     | -0.25    | -0.56  | 0.26   | -0.88       | -0.25  | 0.40        | -0.03         |  |  |  |  |  | 0.19  | 0.09  | 0.16  | 0.80 |
| Lowsky John        | -0.49    | 0.32     | -2.67    | -0.22  | 0.86   | 1.86        | -2.86  | -2.85       | -3.34         |  |  |  |  |  | -0.63 | -0.18 | -0.93 | 1.74 |
| Ramirez Robert     | 0.58     | -0.41    | -0.60    | 1.64   | 0.33   | 1.70        | -0.34  | 0.22        | -0.17         |  |  |  |  |  | 1.06  | 0.61  | 0.42  | 0.79 |
| Rodriguez Jesse    | -0.49    | -0.41    | 0.07     | -0.63  | 0.31   | 0.00        | 0.50   | 0.16        | 0.45          |  |  |  |  |  | -0.01 | 0.19  | 0.01  | 0.38 |
| Sanchez Arthur     | -0.49    | -0.59    | 0.42     | 1.57   | -0.79  | -1.92       | -0.66  | -1.14       | -0.96         |  |  |  |  |  | -1.62 | -1.01 | -0.65 | 0.96 |
| Seiz Raymond       | 2.06     | 0.75     | 0.26     | 0.40   | -2.35  | 0.92        | 0.44   | -2.55       | -0.70         |  |  |  |  |  | -0.59 | -1.73 | -0.28 | 1.45 |
| Viera Ralph        | -1.73    | 0.03     | 0.81     | 0.40   | 2.57   | -0.06       | 0.66   | 0.93        | 0.88          |  |  |  |  |  | 2.23  | 2.78  | 0.86  | 1.30 |
| Yanchar Paul       | -0.49    | -0.23    | 0.34     | -0.42  | -0.16  | -0.88       | -0.03  | -0.19       | -0.10         |  |  |  |  |  | -0.72 | -0.35 | -0.29 | 0.33 |
| Yi MAXIMUM         | 2.23     | 4.05     | -2.67    | 2.47   | 2.57   | -1.92       | -2.86  | -2.85       | -3.34         |  |  |  |  |  | 2.23  | 2.78  | -0.93 | 1.74 |
| Yi MINIMUM         | 0.00     | 0.03     | 0.07     | -0.01  | 0.01   | 0.00        | -0.03  | -0.07       | -0.03         |  |  |  |  |  | -0.01 | -0.02 | 0.01  | 0.33 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 0.81     | 1.09     | 8.83     | 0.78   | 4.56   | 2.12        | 8.91   | 9.83        | 9.37          |  |  |  |  |  | 27.56 | 4.55  |       |      |
| Ratings STD        | 0.12     | 0.28     | 0.26     | 0.15   | 0.47   | 0.31        | 0.32   | 0.17        | 0.21          |  |  |  |  |  | 0.64  | 0.15  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston B1

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|--|-------|------|
| Caproni David      | 0.68     | 0.48     | 8.25     | 0.75   | 0.82   | 1.44        | 8.39   | 9.90        | 9.15          |  |  |  |  |  |  | 21.57 | 3.15 |
| Castillo George    | 0.75     | 0.50     | 8.28     | 0.90   | 0.75   | 1.76        | 8.62   | 10.00       | 9.31          |  |  |  |  |  |  | 22.25 | 3.21 |
| Garcia Orlando     | 0.75     | 0.55     | 7.88     | 1.04   | 0.80   | 2.36        | 7.88   | 9.98        | 8.93          |  |  |  |  |  |  | 22.31 | 3.19 |
| Garrett Thomas     | 0.73     | 0.50     | 8.71     | 0.91   | 0.80   | 1.75        | 8.45   | 9.80        | 9.13          |  |  |  |  |  |  | 22.53 | 3.29 |
| Hills Barry        | 0.75     | 0.55     | 8.55     | 1.24   | 0.79   | 1.72        | 8.30   | 9.90        | 9.10          |  |  |  |  |  |  | 22.70 | 3.31 |
| Kobrinetz Jack     | 0.73     | 0.58     | 8.57     | 0.88   | 0.77   | 1.74        | 9.28   | 9.90        | 9.59          |  |  |  |  |  |  | 22.86 | 3.30 |
| Lopez Frank        | 0.75     | 0.78     | 8.44     | 1.00   | 0.75   | 1.50        | 8.27   | 9.90        | 9.09          |  |  |  |  |  |  | 22.31 | 3.24 |
| Pansza Mike        | 0.72     | 0.38     | 8.12     | 0.97   | 0.88   | 1.86        | 7.86   | 9.76        | 8.81          |  |  |  |  |  |  | 21.74 | 3.17 |
| Radonich Peter     | 0.75     | 0.77     | 8.76     | 0.89   | 0.75   | 1.55        | 8.74   | 9.90        | 9.32          |  |  |  |  |  |  | 22.79 | 3.31 |
| Tschirhart Garland | 0.75     | 0.98     | 7.40     | 0.50   | 0.80   | 1.80        | 9.29   | 9.90        | 9.60          |  |  |  |  |  |  | 21.83 | 3.07 |
| Adams Patrick      | 0.75     | 0.51     | 8.63     | 0.46   | 0.86   | 1.60        | 8.95   | 9.80        | 9.38          |  |  |  |  |  |  | 22.19 | 3.24 |
| Avis Steve         | 0.73     | 0.49     | 8.67     | 0.76   | 0.76   | 1.45        | 8.49   | 9.86        | 9.18          |  |  |  |  |  |  | 22.04 | 3.22 |
| Barrera Tony       | 0.66     | 0.49     | 8.90     | 0.84   | 0.77   | 1.55        | 8.36   | 9.94        | 9.15          |  |  |  |  |  |  | 22.36 | 3.29 |
| Foecking Brian     | 0.75     | 0.47     | 8.29     | 0.98   | 0.80   | 1.75        | 9.00   | 9.90        | 9.45          |  |  |  |  |  |  | 22.49 | 3.25 |
| Lowsky John        | 0.75     | 0.53     | 8.05     | 0.97   | 0.75   | 2.09        | 7.65   | 9.38        | 8.52          |  |  |  |  |  |  | 21.66 | 3.13 |
| Ramirez Robert     | 0.75     | 0.54     | 8.07     | 1.04   | 0.81   | 1.82        | 8.62   | 9.90        | 9.26          |  |  |  |  |  |  | 22.29 | 3.21 |
| Rodriguez Jesse    | 0.75     | 0.53     | 8.67     | 0.68   | 0.68   | 1.45        | 8.48   | 9.90        | 9.19          |  |  |  |  |  |  | 21.95 | 3.19 |
| Sanchez Arthur     | 0.75     | 0.75     | 8.51     | 0.94   | 0.75   | 2.21        | 8.60   | 9.68        | 9.14          |  |  |  |  |  |  | 23.05 | 3.32 |
| Seiz Raymond       | 0.38     | 0.83     | 8.49     | 1.04   | 0.91   | 2.71        | 9.37   | 9.60        | 9.49          |  |  |  |  |  |  | 23.83 | 3.45 |
| Viera Ralph        | 0.65     | 0.49     | 8.74     | 0.83   | 0.82   | 2.07        | 9.30   | 10.00       | 9.65          |  |  |  |  |  |  | 23.25 | 3.37 |
| Yanchar Paul       | 0.71     | 0.52     | 8.64     | 0.77   | 0.79   | 1.55        | 8.75   | 9.90        | 9.33          |  |  |  |  |  |  | 22.31 | 3.26 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |  |       |      |
| MAXIMUM            | 0.75     | 0.98     | 8.90     | 1.24   | 0.91   | 2.71        | 9.37   | 10.00       | 9.65          |  |  |  |  |  |  | 23.83 | 3.45 |
| MINIMUM            | 0.38     | 0.38     | 7.40     | 0.46   | 0.68   | 1.44        | 7.65   | 9.38        | 8.52          |  |  |  |  |  |  | 21.57 | 3.07 |
| RANGE (MAX-MIN)    | 0.38     | 0.60     | 1.50     | 0.78   | 0.23   | 1.27        | 1.72   | 0.62        | 1.14          |  |  |  |  |  |  | 2.27  | 0.38 |
| MEAN               | 0.71     | 0.58     | 8.41     | 0.88   | 0.79   | 1.80        | 8.60   | 9.85        | 9.23          |  |  |  |  |  |  | 22.39 | 3.25 |
| STD                | 0.08     | 0.15     | 0.36     | 0.18   | 0.05   | 0.33        | 0.48   | 0.14        | 0.27          |  |  |  |  |  |  | 0.55  | 0.08 |



yi within 1 77.2%  
 yi within 2 94.2%  
 yi within 3 98.9%

PART ID = Sequence III Piston B1

## YI VALUES

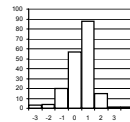
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -0.40    | -0.68    | -0.45    | -0.69  | 0.57   | -1.08       | -0.44  | 0.36        | -0.30         |  |  |  |  |  |  | -1.50 | -1.15 | -0.52 | 0.61 |
| Castillo George    | 0.44     | -0.55    | -0.37    | 0.13   | -0.80  | -0.11       | 0.04   | 1.05        | 0.32          |  |  |  |  |  |  | -0.26 | -0.43 | -0.05 | 0.52 |
| Garcia Orlando     | 0.44     | -0.21    | -1.49    | 0.91   | 0.18   | 1.71        | -1.50  | 0.91        | -1.10         |  |  |  |  |  |  | -0.15 | -0.63 | -0.08 | 1.04 |
| Garrett Thomas     | 0.20     | -0.55    | 0.84     | 0.19   | 0.18   | -0.14       | -0.32  | -0.33       | -0.37         |  |  |  |  |  |  | 0.24  | 0.54  | 0.04  | 0.42 |
| Hills Barry        | 0.44     | -0.21    | 0.39     | 2.01   | -0.02  | -0.23       | -0.63  | 0.36        | -0.46         |  |  |  |  |  |  | 0.55  | 0.72  | 0.26  | 0.73 |
| Kobrinetz Jack     | 0.20     | -0.01    | 0.45     | 0.02   | -0.41  | -0.17       | 1.40   | 0.36        | 1.35          |  |  |  |  |  |  | 0.84  | 0.68  | 0.43  | 0.59 |
| Lopez Frank        | 0.44     | 1.34     | 0.08     | 0.69   | -0.80  | -0.90       | -0.69  | 0.36        | -0.52         |  |  |  |  |  |  | -0.16 | -0.11 | -0.03 | 0.69 |
| Pansza Mike        | 0.08     | -1.36    | -0.81    | 0.52   | 1.75   | 0.19        | -1.54  | -0.60       | -1.54         |  |  |  |  |  |  | -1.18 | -0.85 | -0.49 | 1.02 |
| Radonich Peter     | 0.44     | 1.27     | 0.98     | 0.08   | -0.80  | -0.75       | 0.28   | 0.36        | 0.35          |  |  |  |  |  |  | 0.71  | 0.77  | 0.34  | 0.65 |
| Tschirhart Garland | 0.44     | 2.68     | -2.83    | -2.07  | 0.18   | 0.01        | 1.42   | 0.36        | 1.37          |  |  |  |  |  |  | -1.03 | -2.08 | -0.14 | 1.70 |
| Adams Patrick      | 0.44     | -0.48    | 0.62     | -2.29  | 1.36   | -0.60       | 0.72   | -0.33       | 0.56          |  |  |  |  |  |  | -0.38 | -0.09 | -0.04 | 0.96 |
| Avis Steve         | 0.20     | -0.62    | 0.73     | -0.64  | -0.61  | -1.05       | -0.23  | 0.09        | -0.19         |  |  |  |  |  |  | -0.65 | -0.27 | -0.29 | 0.50 |
| Barrera Tony       | -0.64    | -0.62    | 1.37     | -0.20  | -0.41  | -0.75       | -0.50  | 0.64        | -0.28         |  |  |  |  |  |  | -0.06 | 0.50  | -0.09 | 0.66 |
| Foecking Brian     | 0.44     | -0.75    | -0.34    | 0.58   | 0.18   | -0.14       | 0.82   | 0.36        | 0.83          |  |  |  |  |  |  | 0.17  | 0.03  | 0.20  | 0.49 |
| Lowsky John        | 0.44     | -0.35    | -1.01    | 0.52   | -0.80  | 0.89        | -1.97  | -3.23       | -2.64         |  |  |  |  |  |  | -1.33 | -1.36 | -0.99 | 1.31 |
| Ramirez Robert     | 0.44     | -0.28    | -0.95    | 0.91   | 0.37   | 0.07        | 0.04   | 0.36        | 0.13          |  |  |  |  |  |  | -0.19 | -0.40 | 0.04  | 0.50 |
| Rodriguez Jesse    | 0.44     | -0.35    | 0.73     | -1.08  | -2.18  | -1.05       | -0.25  | 0.36        | -0.13         |  |  |  |  |  |  | -0.80 | -0.62 | -0.45 | 0.83 |
| Sanchez Arthur     | 0.44     | 1.13     | 0.28     | 0.35   | -0.80  | 1.25        | -0.01  | -1.16       | -0.32         |  |  |  |  |  |  | 1.18  | 0.81  | 0.29  | 0.80 |
| Seiz Raymond       | -4.05    | 1.64     | 0.22     | 0.89   | 2.34   | 2.77        | 1.59   | -1.71       | 0.97          |  |  |  |  |  |  | 2.60  | 2.37  | 0.87  | 2.08 |
| Viera Ralph        | -0.76    | -0.62    | 0.92     | -0.25  | 0.57   | 0.83        | 1.44   | 1.05        | 1.58          |  |  |  |  |  |  | 1.55  | 1.48  | 0.71  | 0.87 |
| Yanchar Paul       | -0.04    | -0.42    | 0.64     | -0.58  | -0.02  | -0.75       | 0.31   | 0.36        | 0.37          |  |  |  |  |  |  | -0.16 | 0.10  | -0.02 | 0.43 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |  |       |       |       |      |
| Yi MAXIMUM         | -4.05    | 2.68     | -2.83    | -2.29  | 2.34   | 2.77        | -1.97  | -3.23       | -2.64         |  |  |  |  |  |  | 2.60  | 2.37  | -0.99 | 2.08 |
| Yi MINIMUM         | -0.04    | -0.01    | 0.08     | 0.02   | -0.02  | 0.01        | -0.01  | 0.09        | 0.13          |  |  |  |  |  |  | -0.06 | 0.03  | -0.02 | 0.42 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 0.71     | 0.58     | 8.41     | 0.88   | 0.79   | 1.80        | 8.60   | 9.85        | 9.23          |  |  |  |  |  |  | 22.39 | 3.25  |       |      |
| Ratings STD        | 0.08     | 0.15     | 0.36     | 0.18   | 0.05   | 0.33        | 0.48   | 0.14        | 0.27          |  |  |  |  |  |  | 0.55  | 0.08  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston B2

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 0.11     | 0.38     | 8.07     | 0.60   | 2.41   | 0.92        | 8.47   | 9.36        | 8.92          |  |  |  |  |  | 21.41 | 3.45 |
| Castillo George    | 1.47     | 0.75     | 8.32     | 1.09   | 1.58   | 1.26        | 8.89   | 9.56        | 9.23          |  |  |  |  |  | 23.70 | 3.50 |
| Garcia Orlando     | 1.20     | 0.75     | 8.02     | 1.39   | 2.05   | 1.39        | 7.98   | 9.35        | 8.67          |  |  |  |  |  | 23.47 | 3.57 |
| Garrett Thomas     | 0.75     | 0.75     | 8.82     | 0.96   | 1.85   | 1.29        | 8.63   | 9.48        | 9.06          |  |  |  |  |  | 23.48 | 3.61 |
| Hills Barry        | 1.17     | 0.77     | 8.39     | 1.21   | 1.54   | 1.33        | 8.97   | 9.63        | 9.30          |  |  |  |  |  | 23.71 | 3.52 |
| Kobrinetz Jack     | 2.40     | 0.75     | 8.48     | 0.90   | 2.09   | 1.60        | 8.86   | 9.37        | 9.12          |  |  |  |  |  | 25.34 | 3.72 |
| Lopez Frank        | 0.68     | 0.75     | 8.60     | 1.04   | 1.74   | 0.84        | 8.45   | 9.19        | 8.82          |  |  |  |  |  | 22.47 | 3.47 |
| Pansza Mike        | 2.62     | 0.71     | 7.74     | 2.23   | 1.88   | 0.88        | 8.74   | 9.31        | 9.03          |  |  |  |  |  | 25.09 | 3.64 |
| Radonich Peter     | 0.75     | 0.75     | 8.80     | 1.06   | 1.80   | 1.20        | 8.35   | 9.35        | 8.85          |  |  |  |  |  | 23.21 | 3.58 |
| Tschirhart Garland | 0.80     | 0.80     | 8.75     | 0.60   | 2.20   | 0.80        | 8.50   | 9.40        | 8.95          |  |  |  |  |  | 22.90 | 3.60 |
| Adams Patrick      | 1.82     | 0.78     | 8.76     | 0.87   | 2.16   | 1.58        | 8.88   | 9.52        | 9.20          |  |  |  |  |  | 25.17 | 3.78 |
| Avis Steve         | 1.94     | 0.78     | 8.60     | 0.94   | 1.92   | 1.84        | 8.38   | 9.24        | 8.81          |  |  |  |  |  | 24.83 | 3.68 |
| Barrera Tony       | 2.02     | 0.75     | 8.88     | 0.86   | 1.89   | 1.99        | 7.53   | 9.74        | 8.64          |  |  |  |  |  | 25.03 | 3.71 |
| Foecking Brian     | 1.37     | 0.75     | 8.50     | 1.44   | 2.16   | 2.25        | 8.80   | 9.60        | 9.20          |  |  |  |  |  | 25.67 | 3.85 |
| Lowsky John        | 1.76     | 0.75     | 8.00     | 1.01   | 2.36   | 2.00        | 7.65   | 8.62        | 8.14          |  |  |  |  |  | 24.02 | 3.64 |
| Ramirez Robert     | 1.34     | 0.75     | 8.26     | 1.24   | 2.06   | 1.76        | 8.68   | 9.60        | 9.14          |  |  |  |  |  | 24.55 | 3.69 |
| Rodriguez Jesse    | 1.62     | 0.75     | 8.68     | 1.08   | 1.87   | 1.22        | 8.80   | 9.58        | 9.19          |  |  |  |  |  | 24.41 | 3.66 |
| Sanchez Arthur     | 1.89     | 0.75     | 8.75     | 1.24   | 2.28   | 1.83        | 8.53   | 9.23        | 8.88          |  |  |  |  |  | 25.62 | 3.86 |
| Seiz Raymond       | 1.88     | 0.80     | 8.16     | 1.63   | 2.57   | 2.01        | 8.76   | 9.20        | 8.98          |  |  |  |  |  | 26.03 | 3.92 |
| Viera Ralph        | 1.93     | 0.60     | 8.54     | 0.95   | 2.17   | 1.52        | 8.75   | 9.62        | 9.19          |  |  |  |  |  | 24.90 | 3.73 |
| Yanchar Paul       | 1.08     | 0.75     | 8.52     | 0.77   | 1.68   | 1.60        | 8.85   | 9.30        | 9.08          |  |  |  |  |  | 23.48 | 3.52 |
| MAXIMUM            | 2.62     | 0.80     | 8.88     | 2.23   | 2.57   | 2.25        | 8.97   | 9.74        | 9.30          |  |  |  |  |  | 26.03 | 3.92 |
| MINIMUM            | 0.11     | 0.38     | 7.74     | 0.60   | 1.54   | 0.80        | 7.53   | 8.62        | 8.14          |  |  |  |  |  | 21.41 | 3.45 |
| RANGE (MAX-MIN)    | 2.51     | 0.42     | 1.14     | 1.63   | 1.03   | 1.45        | 1.44   | 1.12        | 1.17          |  |  |  |  |  | 4.63  | 0.47 |
| MEAN               | 1.46     | 0.73     | 8.46     | 1.10   | 2.01   | 1.48        | 8.55   | 9.39        | 8.97          |  |  |  |  |  | 24.21 | 3.65 |
| STD                | 0.62     | 0.09     | 0.32     | 0.36   | 0.27   | 0.42        | 0.39   | 0.24        | 0.27          |  |  |  |  |  | 1.18  | 0.13 |



yi within 1 76.7%  
 yi within 2 95.2%  
 yi within 3 97.9%

PART ID = Sequence III Piston B2

## YI VALUES

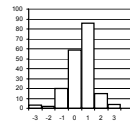
|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | -2.16    | -3.92    | -1.23    | -1.37  | 1.45   | -1.33       | -0.19  | -0.14       | -0.20         |  |  |  |  |  | -2.38 | -1.53 | -1.18 | 1.41 |
| Castillo George    | 0.02     | 0.20     | -0.44    | -0.03  | -1.58  | -0.52       | 0.87   | 0.70        | 0.96          |  |  |  |  |  | -0.44 | -1.18 | -0.13 | 0.81 |
| Garcia Orlando     | -0.41    | 0.20     | -1.39    | 0.80   | 0.14   | -0.22       | -1.43  | -0.18       | -1.14         |  |  |  |  |  | -0.63 | -0.65 | -0.45 | 0.70 |
| Garrett Thomas     | -1.13    | 0.20     | 1.14     | -0.39  | -0.59  | -0.45       | 0.21   | 0.36        | 0.32          |  |  |  |  |  | -0.62 | -0.32 | -0.12 | 0.63 |
| Hills Barry        | -0.46    | 0.42     | -0.22    | 0.30   | -1.72  | -0.36       | 1.08   | 0.99        | 1.24          |  |  |  |  |  | -0.42 | -1.02 | -0.02 | 0.92 |
| Kobrinetz Jack     | 1.51     | 0.20     | 0.07     | -0.55  | 0.28   | 0.28        | 0.80   | -0.10       | 0.55          |  |  |  |  |  | 0.95  | 0.56  | 0.41  | 0.55 |
| Lopez Frank        | -1.24    | 0.20     | 0.44     | -0.17  | -0.99  | -1.52       | -0.24  | -0.85       | -0.56         |  |  |  |  |  | -1.48 | -1.38 | -0.71 | 0.69 |
| Pansza Mike        | 1.86     | -0.24    | -2.27    | 3.10   | -0.48  | -1.42       | 0.49   | -0.35       | 0.21          |  |  |  |  |  | 0.74  | -0.10 | 0.14  | 1.46 |
| Radonich Peter     | -1.13    | 0.20     | 1.08     | -0.11  | -0.77  | -0.67       | -0.49  | -0.18       | -0.45         |  |  |  |  |  | -0.85 | -0.58 | -0.36 | 0.60 |
| Tschirhart Garland | -1.05    | 0.76     | 0.92     | -1.37  | 0.68   | -1.61       | -0.11  | 0.03        | -0.07         |  |  |  |  |  | -1.11 | -0.44 | -0.31 | 0.89 |
| Adams Patrick      | 0.58     | 0.54     | 0.95     | -0.63  | 0.54   | 0.23        | 0.85   | 0.53        | 0.87          |  |  |  |  |  | 0.81  | 0.97  | 0.57  | 0.46 |
| Avis Steve         | 0.77     | 0.54     | 0.44     | -0.44  | -0.34  | 0.85        | -0.42  | -0.64       | -0.60         |  |  |  |  |  | 0.52  | 0.20  | 0.08  | 0.57 |
| Barrera Tony       | 0.90     | 0.20     | 1.33     | -0.66  | -0.45  | 1.20        | -2.57  | 1.45        | -1.25         |  |  |  |  |  | 0.69  | 0.45  | 0.12  | 1.25 |
| Foecking Brian     | -0.14    | 0.20     | 0.13     | 0.93   | 0.54   | 1.82        | 0.65   | 0.86        | 0.87          |  |  |  |  |  | 1.24  | 1.55  | 0.79  | 0.60 |
| Lowsky John        | 0.49     | 0.20     | -1.45    | -0.25  | 1.27   | 1.23        | -2.27  | -3.23       | -3.13         |  |  |  |  |  | -0.17 | -0.12 | -0.68 | 1.61 |
| Ramirez Robert     | -0.19    | 0.20     | -0.63    | 0.38   | 0.17   | 0.66        | 0.34   | 0.86        | 0.64          |  |  |  |  |  | 0.29  | 0.28  | 0.27  | 0.41 |
| Rodriguez Jesse    | 0.26     | 0.20     | 0.70     | -0.06  | -0.52  | -0.62       | 0.65   | 0.78        | 0.83          |  |  |  |  |  | 0.17  | 0.03  | 0.22  | 0.50 |
| Sanchez Arthur     | 0.69     | 0.20     | 0.92     | 0.38   | 0.98   | 0.82        | -0.04  | -0.68       | -0.33         |  |  |  |  |  | 1.19  | 1.61  | 0.52  | 0.69 |
| Seiz Raymond       | 0.68     | 0.76     | -0.94    | 1.45   | 2.03   | 1.25        | 0.54   | -0.81       | 0.04          |  |  |  |  |  | 1.54  | 2.07  | 0.78  | 1.03 |
| Viera Ralph        | 0.76     | -1.47    | 0.26     | -0.41  | 0.58   | 0.09        | 0.52   | 0.95        | 0.81          |  |  |  |  |  | 0.58  | 0.59  | 0.30  | 0.70 |
| Yanchar Paul       | -0.60    | 0.20     | 0.19     | -0.91  | -1.21  | 0.28        | 0.77   | -0.39       | 0.40          |  |  |  |  |  | -0.62 | -1.02 | -0.26 | 0.66 |
| Yi MAXIMUM         | -2.16    | -3.92    | -2.27    | 3.10   | 2.03   | 1.82        | -2.57  | -3.23       | -3.13         |  |  |  |  |  | -2.38 | 2.07  | -1.18 | 1.61 |
| Yi MINIMUM         | 0.02     | 0.20     | 0.07     | -0.03  | 0.14   | 0.09        | -0.04  | 0.03        | 0.04          |  |  |  |  |  | -0.17 | 0.03  | -0.02 | 0.41 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 1.46     | 0.73     | 8.46     | 1.10   | 2.01   | 1.48        | 8.55   | 9.39        | 8.97          |  |  |  |  |  | 24.21 | 3.65  |       |      |
| Ratings STD        | 0.62     | 0.09     | 0.32     | 0.36   | 0.27   | 0.42        | 0.39   | 0.24        | 0.27          |  |  |  |  |  | 1.18  | 0.13  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence III Piston B3

## RATED VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|------|
| Caproni David      | 2.12     | 1.32     | 6.65     | 1.58   | 3.95   | 0.93        | 9.32   | 9.53        | 9.43          |  |  |  |  |  | 25.98 | 4.03 |
| Castillo George    | 1.98     | 1.33     | 7.20     | 1.48   | 3.52   | 1.18        | 9.60   | 9.69        | 9.65          |  |  |  |  |  | 26.34 | 4.03 |
| Garcia Orlando     | 1.94     | 1.30     | 7.06     | 1.72   | 3.69   | 1.13        | 9.45   | 9.51        | 9.48          |  |  |  |  |  | 26.32 | 4.07 |
| Garrett Thomas     | 1.69     | 1.41     | 7.54     | 1.38   | 3.72   | 1.05        | 9.00   | 9.39        | 9.20          |  |  |  |  |  | 25.99 | 4.08 |
| Hills Barry        | 1.45     | 1.48     | 7.93     | 1.41   | 4.25   | 0.86        | 9.64   | 9.81        | 9.73          |  |  |  |  |  | 27.11 | 4.35 |
| Kobrinetz Jack     | 2.10     | 1.39     | 8.44     | 1.56   | 3.95   | 0.99        | 9.70   | 9.70        | 9.70          |  |  |  |  |  | 28.13 | 4.42 |
| Lopez Frank        | 1.70     | 1.30     | 7.50     | 1.24   | 3.99   | 1.10        | 9.46   | 9.64        | 9.55          |  |  |  |  |  | 26.38 | 4.16 |
| Pansza Mike        | 2.31     | 1.68     | 7.45     | 2.48   | 4.75   | 0.92        | 9.10   | 9.36        | 9.23          |  |  |  |  |  | 28.82 | 4.59 |
| Radonich Peter     | 1.69     | 1.39     | 7.50     | 1.74   | 4.10   | 1.00        | 9.40   | 9.64        | 9.52          |  |  |  |  |  | 26.94 | 4.27 |
| Tschirhart Garland | 2.20     | 1.20     | 7.60     | 1.69   | 4.10   | 1.00        | 9.80   | 9.80        | 9.80          |  |  |  |  |  | 27.59 | 4.31 |
| Adams Patrick      | 2.20     | 1.54     | 7.25     | 1.93   | 4.36   | 1.05        | 9.33   | 9.67        | 9.50          |  |  |  |  |  | 27.83 | 4.37 |
| Avis Steve         | 1.56     | 1.41     | 7.52     | 1.39   | 3.93   | 1.19        | 9.66   | 9.70        | 9.68          |  |  |  |  |  | 26.68 | 4.20 |
| Barrera Tony       | 1.86     | 1.40     | 8.04     | 1.33   | 3.67   | 1.12        | 9.57   | 9.67        | 9.62          |  |  |  |  |  | 27.04 | 4.22 |
| Foecking Brian     | 2.24     | 1.44     | 7.60     | 1.89   | 4.18   | 0.93        | 9.65   | 9.70        | 9.68          |  |  |  |  |  | 27.96 | 4.37 |
| Lowsky John        | 2.16     | 1.36     | 7.60     | 1.64   | 4.14   | 0.98        | 8.13   | 8.30        | 8.22          |  |  |  |  |  | 26.10 | 4.17 |
| Ramirez Robert     | 2.19     | 1.52     | 7.36     | 2.14   | 4.09   | 1.00        | 9.10   | 9.74        | 9.42          |  |  |  |  |  | 27.72 | 4.32 |
| Rodriguez Jesse    | 1.94     | 1.46     | 7.29     | 1.61   | 3.86   | 0.85        | 9.57   | 9.64        | 9.61          |  |  |  |  |  | 26.62 | 4.15 |
| Sanchez Arthur     | 2.20     | 1.78     | 7.42     | 2.04   | 5.07   | 1.25        | 9.26   | 9.32        | 9.29          |  |  |  |  |  | 29.05 | 4.65 |
| Seiz Raymond       | 2.07     | 1.56     | 7.69     | 2.20   | 4.33   | 1.20        | 9.36   | 9.44        | 9.40          |  |  |  |  |  | 28.44 | 4.49 |
| Viera Ralph        | 2.29     | 1.49     | 7.16     | 1.86   | 4.27   | 1.09        | 9.66   | 9.75        | 9.71          |  |  |  |  |  | 27.87 | 4.34 |
| Yanchar Paul       | 1.69     | 1.38     | 7.60     | 1.27   | 3.65   | 1.05        | 9.55   | 9.65        | 9.60          |  |  |  |  |  | 26.24 | 4.09 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |      |
| MAXIMUM            | 2.31     | 1.78     | 8.44     | 2.48   | 5.07   | 1.25        | 9.80   | 9.81        | 9.80          |  |  |  |  |  | 29.05 | 4.65 |
| MINIMUM            | 1.45     | 1.20     | 6.65     | 1.24   | 3.52   | 0.85        | 8.13   | 8.30        | 8.22          |  |  |  |  |  | 25.98 | 4.03 |
| RANGE (MAX-MIN)    | 0.86     | 0.58     | 1.79     | 1.24   | 1.55   | 0.40        | 1.67   | 1.51        | 1.59          |  |  |  |  |  | 3.08  | 0.63 |
| MEAN               | 1.98     | 1.44     | 7.50     | 1.69   | 4.07   | 1.04        | 9.40   | 9.55        | 9.48          |  |  |  |  |  | 27.20 | 4.27 |
| STD                | 0.26     | 0.13     | 0.37     | 0.33   | 0.37   | 0.11        | 0.36   | 0.32        | 0.33          |  |  |  |  |  | 0.96  | 0.18 |



yi within 1 76.7%  
 yi within 2 95.2%  
 yi within 3 98.4%

PART ID = Sequence III Piston B3

## YI VALUES

|                    | Groove 1 | Groove 2 | Groove 3 | Land 2 | Land 3 | Under-crown | Thrust | Anti-thrust | Average Skirt |  |  |  |  |  | UWPD  | WPD   | MEAN  | STD  |
|--------------------|----------|----------|----------|--------|--------|-------------|--------|-------------|---------------|--|--|--|--|--|-------|-------|-------|------|
| Caproni David      | 0.54     | -0.87    | -2.30    | -0.34  | -0.34  | -1.00       | -0.21  | -0.08       | -0.15         |  |  |  |  |  | -1.28 | -1.39 | -0.67 | 0.79 |
| Castillo George    | 0.00     | -0.80    | -0.80    | -0.65  | -1.51  | 1.24        | 0.56   | 0.42        | 0.51          |  |  |  |  |  | -0.90 | -1.35 | -0.30 | 0.89 |
| Garcia Orlando     | -0.15    | -1.02    | -1.19    | 0.08   | -1.05  | 0.79        | 0.15   | -0.14       | 0.01          |  |  |  |  |  | -0.92 | -1.16 | -0.42 | 0.67 |
| Garrett Thomas     | -1.12    | -0.19    | 0.12     | -0.95  | -0.96  | 0.08        | -1.09  | -0.51       | -0.84         |  |  |  |  |  | -1.27 | -1.07 | -0.71 | 0.50 |
| Hills Barry        | -2.05    | 0.34     | 1.18     | -0.86  | 0.48   | -1.62       | 0.68   | 0.80        | 0.75          |  |  |  |  |  | -0.09 | 0.46  | 0.01  | 1.06 |
| Kobrinetz Jack     | 0.46     | -0.34    | 2.57     | -0.41  | -0.34  | -0.46       | 0.84   | 0.45        | 0.68          |  |  |  |  |  | 0.98  | 0.85  | 0.48  | 0.89 |
| Lopez Frank        | -1.08    | -1.02    | 0.01     | -1.37  | -0.23  | 0.52        | 0.18   | 0.27        | 0.22          |  |  |  |  |  | -0.85 | -0.61 | -0.36 | 0.65 |
| Pansza Mike        | 1.27     | 1.85     | -0.12    | 2.38   | 1.83   | -1.08       | -0.82  | -0.61       | -0.74         |  |  |  |  |  | 1.70  | 1.79  | 0.68  | 1.34 |
| Radonich Peter     | -1.12    | -0.34    | 0.01     | 0.14   | 0.07   | -0.37       | 0.01   | 0.27        | 0.13          |  |  |  |  |  | -0.27 | -0.02 | -0.13 | 0.39 |
| Tschirhart Garland | 0.85     | -1.78    | 0.29     | -0.01  | 0.07   | -0.37       | 1.12   | 0.77        | 0.98          |  |  |  |  |  | 0.41  | 0.25  | 0.23  | 0.81 |
| Adams Patrick      | 0.85     | 0.79     | -0.67    | 0.71   | 0.77   | 0.08        | -0.18  | 0.36        | 0.07          |  |  |  |  |  | 0.66  | 0.55  | 0.36  | 0.49 |
| Avis Steve         | -1.62    | -0.19    | 0.07     | -0.92  | -0.39  | 1.33        | 0.73   | 0.45        | 0.62          |  |  |  |  |  | -0.54 | -0.41 | -0.08 | 0.83 |
| Barrera Tony       | -0.46    | -0.27    | 1.48     | -1.10  | -1.10  | 0.70        | 0.48   | 0.36        | 0.43          |  |  |  |  |  | -0.16 | -0.31 | 0.01  | 0.78 |
| Foecking Brian     | 1.00     | 0.04     | 0.29     | 0.59   | 0.29   | -1.00       | 0.70   | 0.45        | 0.60          |  |  |  |  |  | 0.79  | 0.59  | 0.40  | 0.53 |
| Lowsky John        | 0.69     | -0.57    | 0.29     | -0.16  | 0.18   | -0.55       | -3.50  | -3.92       | -3.79         |  |  |  |  |  | -1.15 | -0.56 | -1.19 | 1.71 |
| Ramirez Robert     | 0.81     | 0.64     | -0.37    | 1.35   | 0.04   | -0.37       | -0.82  | 0.58        | -0.17         |  |  |  |  |  | 0.55  | 0.30  | 0.23  | 0.63 |
| Rodriguez Jesse    | -0.15    | 0.19     | -0.56    | -0.25  | -0.58  | -1.71       | 0.48   | 0.27        | 0.39          |  |  |  |  |  | -0.61 | -0.70 | -0.29 | 0.64 |
| Sanchez Arthur     | 0.85     | 2.61     | -0.20    | 1.05   | 2.70   | 1.86        | -0.38  | -0.73       | -0.56         |  |  |  |  |  | 1.94  | 2.17  | 1.03  | 1.31 |
| Seiz Raymond       | 0.35     | 0.94     | 0.53     | 1.51   | 0.69   | 1.42        | -0.10  | -0.36       | -0.23         |  |  |  |  |  | 1.30  | 1.22  | 0.66  | 0.68 |
| Viera Ralph        | 1.20     | 0.41     | -0.91    | 0.50   | 0.53   | 0.43        | 0.73   | 0.61        | 0.69          |  |  |  |  |  | 0.70  | 0.37  | 0.48  | 0.51 |
| Yanchar Paul       | -1.12    | -0.42    | 0.29     | -1.28  | -1.15  | 0.08        | 0.43   | 0.30        | 0.37          |  |  |  |  |  | -1.00 | -1.00 | -0.41 | 0.71 |
|                    |          |          |          |        |        |             |        |             |               |  |  |  |  |  |       |       |       |      |
| Yi MAXIMUM         | -2.05    | 2.61     | 2.57     | 2.38   | 2.70   | 1.86        | -3.50  | -3.92       | -3.79         |  |  |  |  |  | 1.94  | 2.17  | -1.19 | 1.71 |
| Yi MINIMUM         | 0.00     | 0.04     | 0.01     | -0.01  | 0.04   | 0.08        | 0.01   | -0.08       | 0.01          |  |  |  |  |  | -0.09 | -0.02 | 0.01  | 0.39 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00        | 0.00   | 0.00        | 0.00          |  |  |  |  |  | 0.00  | 0.00  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00   | 1.00   | 1.00        | 1.00   | 1.00        | 1.00          |  |  |  |  |  | 1.00  | 1.00  |       |      |
| Ratings MEAN       | 1.98     | 1.44     | 7.50     | 1.69   | 4.07   | 1.04        | 9.40   | 9.55        | 9.48          |  |  |  |  |  | 27.20 | 4.27  |       |      |
| Ratings STD        | 0.26     | 0.13     | 0.37     | 0.33   | 0.37   | 0.11        | 0.36   | 0.32        | 0.33          |  |  |  |  |  | 0.96  | 0.18  |       |      |





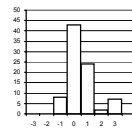


## Light Duty Rating Workshop

PART ID = Sequence V Calibration - Pistons C1-C4

## RATED VALUES

|                    | Piston 1 | Piston 2 | Piston 3 | Piston 4 |  |  |  |  |  |  |  |  |  |  |  | Average |
|--------------------|----------|----------|----------|----------|--|--|--|--|--|--|--|--|--|--|--|---------|
| Anderson Richard   | 8.50     | 8.50     | 9.00     | 9.00     |  |  |  |  |  |  |  |  |  |  |  | 8.75    |
| Caproni David      | 8.37     | 8.70     | 9.02     | 8.92     |  |  |  |  |  |  |  |  |  |  |  | 8.75    |
| Castillo George    | 8.40     | 8.36     | 8.67     | 8.90     |  |  |  |  |  |  |  |  |  |  |  | 8.58    |
| Clapsaddle Dale    | 9.87     | 9.86     | 9.80     | 9.87     |  |  |  |  |  |  |  |  |  |  |  | 9.85    |
| Garcia Orlando     | 8.15     | 8.24     | 8.32     | 8.41     |  |  |  |  |  |  |  |  |  |  |  | 8.28    |
| Kirkpatrick John   | 8.50     | 8.20     | 8.30     | 8.30     |  |  |  |  |  |  |  |  |  |  |  | 8.33    |
| Kobrinetz Jack     | 8.82     | 9.03     | 8.98     | 9.32     |  |  |  |  |  |  |  |  |  |  |  | 9.04    |
| Lopez Frank        | 8.62     | 8.46     | 8.66     | 8.60     |  |  |  |  |  |  |  |  |  |  |  | 8.59    |
| Pansza Mike        | 8.30     | 8.40     | 8.70     | 8.80     |  |  |  |  |  |  |  |  |  |  |  | 8.55    |
| Radonich Peter     | 8.45     | 8.68     | 8.89     | 9.10     |  |  |  |  |  |  |  |  |  |  |  | 8.78    |
| Tschirhart Garland | 8.40     | 8.50     | 9.31     | 9.32     |  |  |  |  |  |  |  |  |  |  |  | 8.88    |
| Adams Patrick      | 8.50     | 9.10     | 8.90     | 8.74     |  |  |  |  |  |  |  |  |  |  |  | 8.81    |
| Barrera Tony       | 8.76     | 8.71     | 8.96     | 9.36     |  |  |  |  |  |  |  |  |  |  |  | 8.95    |
| Foecking Brian     | 8.50     | 8.70     | 9.00     | 8.90     |  |  |  |  |  |  |  |  |  |  |  | 8.78    |
| Lowsky John        | 9.79     | 9.82     | 9.81     | 9.81     |  |  |  |  |  |  |  |  |  |  |  | 9.81    |
| Ramirez Robert     | 8.77     | 8.80     | 8.84     | 8.87     |  |  |  |  |  |  |  |  |  |  |  | 8.82    |
| Rodriguez Jesse    | 8.98     | 8.95     | 9.02     | 9.35     |  |  |  |  |  |  |  |  |  |  |  | 9.08    |
| Sanchez Arthur     | 9.12     | 9.92     | 9.28     | 9.33     |  |  |  |  |  |  |  |  |  |  |  | 9.41    |
| Seiz Raymond       | 7.70     | 7.88     | 8.80     | 8.86     |  |  |  |  |  |  |  |  |  |  |  | 8.31    |
| Viera Ralph        | 8.38     | 8.40     | 9.01     | 9.00     |  |  |  |  |  |  |  |  |  |  |  | 8.70    |
| Yanchar Paul       | 8.50     | 8.70     | 8.80     | 9.00     |  |  |  |  |  |  |  |  |  |  |  | 8.75    |
| MAXIMUM            | 9.87     | 9.92     | 9.81     | 9.87     |  |  |  |  |  |  |  |  |  |  |  | 9.85    |
| MINIMUM            | 7.70     | 7.88     | 8.30     | 8.30     |  |  |  |  |  |  |  |  |  |  |  | 8.28    |
| MEAN               | 8.64     | 8.76     | 8.96     | 9.04     |  |  |  |  |  |  |  |  |  |  |  | 8.85    |
| STD                | 0.49     | 0.54     | 0.38     | 0.40     |  |  |  |  |  |  |  |  |  |  |  | 0.42    |



yi within 1 79.8%  
 yi within 2 91.7%  
 yi within 3 100.0%

PART ID = Sequence V Calibration - Pistons C1-C4

## YI VALUES

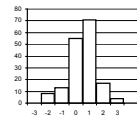
|                    | Piston 1 | Piston 2 | Piston 3 | Piston 4 |  |  |  |  |  |  |  |  |  |  |  | Average | MEAN  | STD  |
|--------------------|----------|----------|----------|----------|--|--|--|--|--|--|--|--|--|--|--|---------|-------|------|
| Anderson Richard   | -0.28    | -0.47    | 0.12     | -0.09    |  |  |  |  |  |  |  |  |  |  |  | -0.23   | -0.19 | 0.22 |
| Caproni David      | -0.54    | -0.11    | 0.17     | -0.29    |  |  |  |  |  |  |  |  |  |  |  | -0.22   | -0.20 | 0.26 |
| Castillo George    | -0.48    | -0.73    | -0.76    | -0.34    |  |  |  |  |  |  |  |  |  |  |  | -0.63   | -0.59 | 0.18 |
| Clapsaddle Dale    | 2.50     | 2.02     | 2.25     | 2.11     |  |  |  |  |  |  |  |  |  |  |  | 2.39    | 2.25  | 0.20 |
| Garcia Orlando     | -0.99    | -0.95    | -1.69    | -1.58    |  |  |  |  |  |  |  |  |  |  |  | -1.35   | -1.31 | 0.34 |
| Kirkpatrick John   | -0.28    | -1.02    | -1.74    | -1.86    |  |  |  |  |  |  |  |  |  |  |  | -1.24   | -1.23 | 0.63 |
| Kobrinetz Jack     | 0.37     | 0.50     | 0.06     | 0.72     |  |  |  |  |  |  |  |  |  |  |  | 0.45    | 0.42  | 0.24 |
| Lopez Frank        | -0.03    | -0.55    | -0.79    | -1.10    |  |  |  |  |  |  |  |  |  |  |  | -0.62   | -0.62 | 0.39 |
| Pansza Mike        | -0.68    | -0.66    | -0.68    | -0.60    |  |  |  |  |  |  |  |  |  |  |  | -0.71   | -0.66 | 0.04 |
| Radonich Peter     | -0.38    | -0.14    | -0.17    | 0.16     |  |  |  |  |  |  |  |  |  |  |  | -0.16   | -0.14 | 0.19 |
| Tschirhart Garland | -0.48    | -0.47    | 0.94     | 0.72     |  |  |  |  |  |  |  |  |  |  |  | 0.09    | 0.16  | 0.66 |
| Adams Patrick      | -0.28    | 0.63     | -0.15    | -0.75    |  |  |  |  |  |  |  |  |  |  |  | -0.09   | -0.13 | 0.50 |
| Barrera Tony       | 0.25     | -0.09    | 0.01     | 0.82     |  |  |  |  |  |  |  |  |  |  |  | 0.24    | 0.25  | 0.35 |
| Foecking Brian     | -0.28    | -0.11    | 0.12     | -0.34    |  |  |  |  |  |  |  |  |  |  |  | -0.17   | -0.16 | 0.18 |
| Lowsky John        | 2.34     | 1.95     | 2.27     | 1.96     |  |  |  |  |  |  |  |  |  |  |  | 2.29    | 2.16  | 0.19 |
| Ramirez Robert     | 0.27     | 0.08     | -0.31    | -0.42    |  |  |  |  |  |  |  |  |  |  |  | -0.06   | -0.09 | 0.28 |
| Rodriguez Jesse    | 0.69     | 0.35     | 0.17     | 0.79     |  |  |  |  |  |  |  |  |  |  |  | 0.54    | 0.51  | 0.25 |
| Sanchez Arthur     | 0.98     | 2.14     | 0.86     | 0.74     |  |  |  |  |  |  |  |  |  |  |  | 1.35    | 1.21  | 0.56 |
| Seiz Raymond       | -1.90    | -1.61    | -0.41    | -0.45    |  |  |  |  |  |  |  |  |  |  |  | -1.28   | -1.13 | 0.68 |
| Viera Ralph        | -0.52    | -0.66    | 0.14     | -0.09    |  |  |  |  |  |  |  |  |  |  |  | -0.36   | -0.30 | 0.32 |
| Yanchar Paul       | -0.28    | -0.11    | -0.41    | -0.09    |  |  |  |  |  |  |  |  |  |  |  | -0.23   | -0.22 | 0.13 |
| Yi MAXIMUM         | 2.50     | 2.14     | 2.27     | 2.11     |  |  |  |  |  |  |  |  |  |  |  | 2.39    | 2.25  | 0.68 |
| Yi MINIMUM         | -0.03    | 0.08     | 0.01     | -0.09    |  |  |  |  |  |  |  |  |  |  |  | -0.06   | -0.09 | 0.04 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00     |  |  |  |  |  |  |  |  |  |  |  | 0.00    |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00     |  |  |  |  |  |  |  |  |  |  |  | 1.00    |       |      |
| Ratings MEAN       | 8.64     | 8.76     | 8.96     | 9.04     |  |  |  |  |  |  |  |  |  |  |  | 8.85    |       |      |
| Ratings STD        | 0.49     | 0.54     | 0.38     | 0.40     |  |  |  |  |  |  |  |  |  |  |  | 0.42    |       |      |

## Light Duty Rating Workshop

PART ID = Sequence V - Pistons D1-D8

## RATED VALUES

|                    | Piston 1 | Piston 2 | Piston 3 | Piston 4 | Piston 5 | Piston 6 | Piston 7 | Piston 8 |  |  |  |  |  |  |  |  |
|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|--|--|--|--|
| Anderson Richard   | 9.50     | 8.75     | 9.00     | 8.75     | 8.50     | 8.75     | 8.50     | 8.25     |  |  |  |  |  |  |  |  |
| Caproni David      | 8.86     | 8.31     | 8.70     | 8.45     | 8.88     | 9.08     | 8.84     | 8.40     |  |  |  |  |  |  |  |  |
| Castillo George    | 8.88     | 8.18     | 8.34     | 8.14     | 7.70     | 8.41     | 7.95     | 7.90     |  |  |  |  |  |  |  |  |
| Clapsaddle Dale    | 9.24     | 8.06     | 8.64     | 8.14     | 8.18     | 8.25     | 7.92     | 8.08     |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 8.58     | 7.90     | 8.35     | 8.02     | 8.40     | 8.54     | 8.22     | 7.58     |  |  |  |  |  |  |  |  |
| Kirkpatrick John   | 8.70     | 8.50     | 8.60     | 8.20     | 8.20     | 8.70     | 8.30     | 8.50     |  |  |  |  |  |  |  |  |
| Kobrinetz Jack     | 9.04     | 8.50     | 8.70     | 8.50     | 8.50     | 8.68     | 8.50     | 8.35     |  |  |  |  |  |  |  |  |
| Lopez Frank        | 9.02     | 8.00     | 8.26     | 8.21     | 8.61     | 8.69     | 8.32     | 7.69     |  |  |  |  |  |  |  |  |
| Pansza Mike        | 8.72     | 8.51     | 8.63     | 8.48     | 8.52     | 8.61     | 8.24     | 8.18     |  |  |  |  |  |  |  |  |
| Radonich Peter     | 9.10     | 8.30     | 8.60     | 8.60     | 8.40     | 8.70     | 8.40     | 8.30     |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 9.66     | 8.35     | 9.09     | 8.35     | 9.09     | 9.11     | 8.80     | 8.40     |  |  |  |  |  |  |  |  |
| Adams Patrick      | 9.42     | 8.76     | 9.12     | 8.60     | 8.45     | 8.87     | 8.37     | 8.30     |  |  |  |  |  |  |  |  |
| Barrera Tony       | 9.24     | 8.28     | 8.68     | 8.34     | 8.81     | 8.76     | 8.74     | 8.42     |  |  |  |  |  |  |  |  |
| Foecking Brian     | 9.20     | 8.60     | 8.80     | 8.50     | 8.60     | 8.70     | 8.60     | 8.30     |  |  |  |  |  |  |  |  |
| Lowsky John        | 8.15     | 7.63     | 7.63     | 7.55     | 7.60     | 7.85     | 7.50     | 7.45     |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 9.12     | 8.59     | 8.52     | 8.21     | 8.34     | 8.62     | 8.27     | 8.09     |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 9.26     | 8.69     | 9.03     | 8.80     | 8.74     | 9.15     | 8.70     | 8.36     |  |  |  |  |  |  |  |  |
| Sanchez Arthur     | 8.89     | 8.38     | 8.56     | 8.49     | 8.20     | 8.48     | 8.14     | 8.22     |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 9.58     | 9.22     | 9.48     | 9.20     | 9.39     | 8.60     | 9.03     | 8.80     |  |  |  |  |  |  |  |  |
| Viera Ralph        | 9.30     | 8.34     | 8.77     | 8.48     | 8.22     | 8.76     | 8.50     | 8.46     |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 9.30     | 8.40     | 8.90     | 8.60     | 8.70     | 8.90     | 8.50     | 8.20     |  |  |  |  |  |  |  |  |
| MAXIMUM            | 9.66     | 9.22     | 9.48     | 9.20     | 9.39     | 9.15     | 9.03     | 8.80     |  |  |  |  |  |  |  |  |
| MINIMUM            | 8.15     | 7.63     | 7.63     | 7.55     | 7.60     | 7.85     | 7.50     | 7.45     |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 1.51     | 1.59     | 1.85     | 1.65     | 1.79     | 1.30     | 1.53     | 1.35     |  |  |  |  |  |  |  |  |
| MEAN               | 9.08     | 8.39     | 8.69     | 8.41     | 8.48     | 8.68     | 8.40     | 8.20     |  |  |  |  |  |  |  |  |
| STD                | 0.36     | 0.34     | 0.38     | 0.33     | 0.41     | 0.29     | 0.35     | 0.32     |  |  |  |  |  |  |  |  |



yi within 1 75.0%  
 yi within 2 92.9%  
 yi within 3 100.0%

PART ID = Sequence V - Pistons D1-D8

## YI VALUES

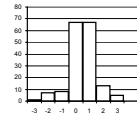
|                    | Piston 1 | Piston 2 | Piston 3 | Piston 4 | Piston 5 | Piston 6 | Piston 7 | Piston 8 |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|--|--|--|--|-------|------|
| Anderson Richard   | 1.16     | 1.05     | 0.83     | 1.02     | 0.05     | 0.25     | 0.29     | 0.15     |  |  |  |  |  |  |  |  | 0.60  | 0.46 |
| Caproni David      | -0.62    | -0.24    | 0.04     | 0.12     | 0.98     | 1.39     | 1.27     | 0.62     |  |  |  |  |  |  |  |  | 0.44  | 0.73 |
| Castillo George    | -0.57    | -0.62    | -0.91    | -0.81    | -1.90    | -0.92    | -1.28    | -0.94    |  |  |  |  |  |  |  |  | -0.99 | 0.43 |
| Clapsaddle Dale    | 0.43     | -0.98    | -0.12    | -0.81    | -0.73    | -1.47    | -1.37    | -0.38    |  |  |  |  |  |  |  |  | -0.68 | 0.64 |
| Garcia Orlando     | -1.40    | -1.45    | -0.89    | -1.17    | -0.19    | -0.47    | -0.51    | -1.94    |  |  |  |  |  |  |  |  | -1.00 | 0.59 |
| Kirkpatrick John   | -1.07    | 0.31     | -0.23    | -0.63    | -0.68    | 0.08     | -0.28    | 0.93     |  |  |  |  |  |  |  |  | -0.19 | 0.63 |
| Kobrinetz Jack     | -0.12    | 0.31     | 0.04     | 0.27     | 0.05     | 0.01     | 0.29     | 0.46     |  |  |  |  |  |  |  |  | 0.17  | 0.20 |
| Lopez Frank        | -0.18    | -1.15    | -1.13    | -0.60    | 0.32     | 0.05     | -0.22    | -1.60    |  |  |  |  |  |  |  |  | -0.56 | 0.67 |
| Pansza Mike        | -1.01    | 0.34     | -0.15    | 0.21     | 0.10     | -0.23    | -0.45    | -0.07    |  |  |  |  |  |  |  |  | -0.16 | 0.43 |
| Radonich Peter     | 0.04     | -0.27    | -0.23    | 0.57     | -0.19    | 0.08     | 0.01     | 0.31     |  |  |  |  |  |  |  |  | 0.04  | 0.29 |
| Tschirhart Garland | 1.60     | -0.13    | 1.07     | -0.18    | 1.50     | 1.49     | 1.15     | 0.62     |  |  |  |  |  |  |  |  | 0.89  | 0.72 |
| Adams Patrick      | 0.93     | 1.08     | 1.15     | 0.57     | -0.07    | 0.67     | -0.08    | 0.31     |  |  |  |  |  |  |  |  | 0.57  | 0.48 |
| Barrera Tony       | 0.43     | -0.33    | -0.02    | -0.21    | 0.81     | 0.29     | 0.98     | 0.68     |  |  |  |  |  |  |  |  | 0.33  | 0.48 |
| Foecking Brian     | 0.32     | 0.61     | 0.30     | 0.27     | 0.30     | 0.08     | 0.58     | 0.31     |  |  |  |  |  |  |  |  | 0.35  | 0.17 |
| Lowsky John        | -2.59    | -2.24    | -2.79    | -2.59    | -2.14    | -2.84    | -2.57    | -2.35    |  |  |  |  |  |  |  |  | -2.51 | 0.25 |
| Ramirez Robert     | 0.10     | 0.58     | -0.44    | -0.60    | -0.34    | -0.19    | -0.36    | -0.35    |  |  |  |  |  |  |  |  | -0.20 | 0.37 |
| Rodriguez Jesse    | 0.49     | 0.87     | 0.91     | 1.17     | 0.64     | 1.63     | 0.87     | 0.50     |  |  |  |  |  |  |  |  | 0.88  | 0.38 |
| Sanchez Arthur     | -0.54    | -0.04    | -0.33    | 0.24     | -0.68    | -0.68    | -0.74    | 0.06     |  |  |  |  |  |  |  |  | -0.34 | 0.38 |
| Seiz Raymond       | 1.38     | 2.43     | 2.10     | 2.38     | 2.23     | -0.26    | 1.81     | 1.87     |  |  |  |  |  |  |  |  | 1.74  | 0.88 |
| Viera Ralph        | 0.60     | -0.16    | 0.22     | 0.21     | -0.63    | 0.29     | 0.29     | 0.81     |  |  |  |  |  |  |  |  | 0.20  | 0.44 |
| Yanchar Paul       | 0.60     | 0.02     | 0.57     | 0.57     | 0.54     | 0.77     | 0.29     | 0.00     |  |  |  |  |  |  |  |  | 0.42  | 0.29 |
| Yi MAXIMUM         | -2.59    | 2.43     | -2.79    | -2.59    | 2.23     | -2.84    | -2.57    | -2.35    |  |  |  |  |  |  |  |  | -2.51 | 0.88 |
| Yi MINIMUM         | 0.04     | 0.02     | -0.02    | 0.12     | 0.05     | 0.01     | 0.01     | 0.00     |  |  |  |  |  |  |  |  | 0.04  | 0.17 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 9.08     | 8.39     | 8.69     | 8.41     | 8.48     | 8.68     | 8.40     | 8.20     |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.36     | 0.34     | 0.38     | 0.33     | 0.41     | 0.29     | 0.35     | 0.32     |  |  |  |  |  |  |  |  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence V - Pistons E1-E8

## RATED VALUES

|                    | Piston 1 | Piston 2 | Piston 3 | Piston 4 | Piston 5 | Piston 6 | Piston 7 | Piston 8 |  |  |  |  |  |  |  |  |
|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|--|--|--|--|
| Anderson Richard   | 8.00     | 8.25     | 8.75     | 8.50     | 7.75     | 7.75     | 8.75     | 8.50     |  |  |  |  |  |  |  |  |
| Caproni David      | 7.59     | 8.62     | 8.80     | 8.78     | 7.88     | 8.07     | 9.00     | 9.14     |  |  |  |  |  |  |  |  |
| Castillo George    | 6.72     | 8.78     | 8.40     | 8.29     | 7.40     | 7.90     | 8.52     | 8.76     |  |  |  |  |  |  |  |  |
| Clapsaddle Dale    | 7.91     | 8.70     | 8.70     | 9.00     | 8.18     | 8.05     | 8.70     | 8.65     |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 7.77     | 8.57     | 8.43     | 8.31     | 7.99     | 8.05     | 8.29     | 8.58     |  |  |  |  |  |  |  |  |
| Kirkpatrick John   | 8.60     | 8.80     | 8.90     | 8.95     | 8.75     | 8.65     | 8.85     | 8.80     |  |  |  |  |  |  |  |  |
| Kobrinetz Jack     | 7.84     | 8.40     | 8.50     | 8.67     | 8.06     | 8.26     | 8.92     | 8.92     |  |  |  |  |  |  |  |  |
| Lopez Frank        | 7.37     | 8.76     | 8.52     | 8.66     | 7.96     | 8.12     | 8.60     | 8.75     |  |  |  |  |  |  |  |  |
| Pansza Mike        | 7.68     | 8.34     | 8.46     | 8.56     | 7.88     | 7.93     | 8.44     | 8.52     |  |  |  |  |  |  |  |  |
| Radonich Peter     | 7.60     | 8.70     | 8.50     | 8.80     | 7.85     | 8.30     | 8.55     | 9.00     |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 7.70     | 9.49     | 9.39     | 9.39     | 8.19     | 8.59     | 9.47     | 9.52     |  |  |  |  |  |  |  |  |
| Adams Patrick      | 7.85     | 8.63     | 8.87     | 9.02     | 8.30     | 8.20     | 8.60     | 8.63     |  |  |  |  |  |  |  |  |
| Barrera Tony       | 7.22     | 8.80     | 8.86     | 9.18     | 8.04     | 8.71     | 8.99     | 9.05     |  |  |  |  |  |  |  |  |
| Foecking Brian     | 7.60     | 8.80     | 8.70     | 8.70     | 8.20     | 8.40     | 8.70     | 9.00     |  |  |  |  |  |  |  |  |
| Lowsky John        | 6.43     | 7.60     | 8.50     | 7.55     | 7.18     | 7.20     | 7.45     | 7.75     |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 7.57     | 8.65     | 8.64     | 8.85     | 8.03     | 8.39     | 8.59     | 8.80     |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 7.95     | 8.85     | 8.95     | 8.98     | 8.10     | 8.26     | 8.66     | 8.97     |  |  |  |  |  |  |  |  |
| Sanchez Arthur     | 7.80     | 8.71     | 8.42     | 8.40     | 7.38     | 7.89     | 8.35     | 8.36     |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 7.75     | 9.13     | 9.48     | 9.35     | 8.92     | 8.94     | 9.45     | 9.45     |  |  |  |  |  |  |  |  |
| Viera Ralph        | 7.76     | 8.76     | 8.56     | 8.65     | 8.34     | 8.51     | 8.36     | 8.82     |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 7.40     | 8.70     | 8.50     | 8.60     | 8.00     | 8.10     | 8.50     | 8.70     |  |  |  |  |  |  |  |  |
| MAXIMUM            | 8.60     | 9.49     | 9.48     | 9.39     | 8.92     | 8.94     | 9.47     | 9.52     |  |  |  |  |  |  |  |  |
| MINIMUM            | 6.43     | 7.60     | 8.40     | 7.55     | 7.18     | 7.20     | 7.45     | 7.75     |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 2.17     | 1.89     | 1.08     | 1.84     | 1.74     | 1.74     | 2.02     | 1.77     |  |  |  |  |  |  |  |  |
| MEAN               | 7.62     | 8.67     | 8.71     | 8.72     | 8.02     | 8.20     | 8.65     | 8.79     |  |  |  |  |  |  |  |  |
| STD                | 0.45     | 0.35     | 0.30     | 0.41     | 0.40     | 0.38     | 0.42     | 0.38     |  |  |  |  |  |  |  |  |



yi within 1 79.8%  
 yi within 2 92.3%  
 yi within 3 99.4%

PART ID = Sequence V - Pistons E1-E8

## YI VALUES

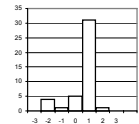
|                    | Piston 1 | Piston 2 | Piston 3 | Piston 4 | Piston 5 | Piston 6 | Piston 7 | Piston 8 |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|--|--|--|--|-------|------|
| Anderson Richard   | 0.84     | -1.18    | 0.15     | -0.55    | -0.66    | -1.19    | 0.23     | -0.78    |  |  |  |  |  |  |  |  | -0.39 | 0.73 |
| Caproni David      | -0.08    | -0.14    | 0.32     | 0.14     | -0.34    | -0.35    | 0.82     | 0.92     |  |  |  |  |  |  |  |  | 0.16  | 0.49 |
| Castillo George    | -2.02    | 0.31     | -1.03    | -1.07    | -1.53    | -0.80    | -0.32    | -0.09    |  |  |  |  |  |  |  |  | -0.82 | 0.77 |
| Clapsaddle Dale    | 0.64     | 0.09     | -0.02    | 0.68     | 0.40     | -0.40    | 0.11     | -0.38    |  |  |  |  |  |  |  |  | 0.14  | 0.42 |
| Garcia Orlando     | 0.33     | -0.28    | -0.93    | -1.02    | -0.07    | -0.40    | -0.87    | -0.57    |  |  |  |  |  |  |  |  | -0.48 | 0.47 |
| Kirkpatrick John   | 2.18     | 0.37     | 0.65     | 0.56     | 1.81     | 1.17     | 0.47     | 0.02     |  |  |  |  |  |  |  |  | 0.90  | 0.75 |
| Kobrinetz Jack     | 0.48     | -0.76    | -0.69    | -0.13    | 0.10     | 0.15     | 0.63     | 0.34     |  |  |  |  |  |  |  |  | 0.02  | 0.51 |
| Lopez Frank        | -0.57    | 0.26     | -0.63    | -0.16    | -0.14    | -0.22    | -0.13    | -0.12    |  |  |  |  |  |  |  |  | -0.21 | 0.28 |
| Pansza Mike        | 0.12     | -0.93    | -0.83    | -0.40    | -0.34    | -0.72    | -0.51    | -0.73    |  |  |  |  |  |  |  |  | -0.54 | 0.34 |
| Radonich Peter     | -0.05    | 0.09     | -0.69    | 0.19     | -0.42    | 0.25     | -0.25    | 0.55     |  |  |  |  |  |  |  |  | -0.04 | 0.40 |
| Tschirhart Garland | 0.17     | 2.32     | 2.30     | 1.64     | 0.43     | 1.02     | 1.94     | 1.93     |  |  |  |  |  |  |  |  | 1.47  | 0.83 |
| Adams Patrick      | 0.50     | -0.11    | 0.55     | 0.73     | 0.70     | -0.01    | -0.13    | -0.44    |  |  |  |  |  |  |  |  | 0.23  | 0.45 |
| Barrera Tony       | -0.90    | 0.37     | 0.52     | 1.12     | 0.05     | 1.33     | 0.80     | 0.68     |  |  |  |  |  |  |  |  | 0.50  | 0.70 |
| Foecking Brian     | -0.05    | 0.37     | -0.02    | -0.06    | 0.45     | 0.52     | 0.11     | 0.55     |  |  |  |  |  |  |  |  | 0.23  | 0.27 |
| Lowsky John        | -2.67    | -3.01    | -0.69    | -2.89    | -2.07    | -2.64    | -2.87    | -2.78    |  |  |  |  |  |  |  |  | -2.45 | 0.77 |
| Ramirez Robert     | -0.12    | -0.05    | -0.22    | 0.31     | 0.03     | 0.49     | -0.15    | 0.02     |  |  |  |  |  |  |  |  | 0.04  | 0.24 |
| Rodriguez Jesse    | 0.73     | 0.51     | 0.82     | 0.63     | 0.20     | 0.15     | 0.01     | 0.47     |  |  |  |  |  |  |  |  | 0.44  | 0.29 |
| Sanchez Arthur     | 0.39     | 0.12     | -0.96    | -0.80    | -1.58    | -0.82    | -0.72    | -1.16    |  |  |  |  |  |  |  |  | -0.69 | 0.65 |
| Seiz Raymond       | 0.28     | 1.30     | 2.60     | 1.54     | 2.23     | 1.94     | 1.90     | 1.75     |  |  |  |  |  |  |  |  | 1.69  | 0.70 |
| Viera Ralph        | 0.30     | 0.26     | -0.49    | -0.18    | 0.80     | 0.81     | -0.70    | 0.07     |  |  |  |  |  |  |  |  | 0.11  | 0.55 |
| Yanchar Paul       | -0.50    | 0.09     | -0.69    | -0.30    | -0.04    | -0.27    | -0.37    | -0.25    |  |  |  |  |  |  |  |  | -0.29 | 0.24 |
| Yi MAXIMUM         | -2.67    | -3.01    | 2.60     | -2.89    | 2.23     | -2.64    | -2.87    | -2.78    |  |  |  |  |  |  |  |  | -2.45 | 0.83 |
| Yi MINIMUM         | -0.05    | -0.05    | -0.02    | -0.06    | 0.03     | -0.01    | 0.01     | 0.02     |  |  |  |  |  |  |  |  | 0.02  | 0.24 |
| Yi MEAN            | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 7.62     | 8.67     | 8.71     | 8.72     | 8.02     | 8.20     | 8.65     | 8.79     |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.45     | 0.35     | 0.30     | 0.41     | 0.40     | 0.38     | 0.42     | 0.38     |  |  |  |  |  |  |  |  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence V Calibration - Varnish

## RATED VALUES

|                    | Rocker<br>Cover L | Rocker<br>Cover R |  |  |  |  |  |  |  |  |  |  |  |  | Average<br>Varnish |
|--------------------|-------------------|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|
| Anderson Richard   | 9.50              | 8.50              |  |  |  |  |  |  |  |  |  |  |  |  | 9.00               |
| Caproni David      | 9.75              | 9.60              |  |  |  |  |  |  |  |  |  |  |  |  | 9.68               |
| Castillo George    | 9.80              | 9.75              |  |  |  |  |  |  |  |  |  |  |  |  | 9.78               |
| Clapsaddle Dale    | 10.00             | 10.00             |  |  |  |  |  |  |  |  |  |  |  |  | 10.00              |
| Garcia Orlando     | 9.69              | 9.70              |  |  |  |  |  |  |  |  |  |  |  |  | 9.70               |
| Kirkpatrick John   | 8.80              | 8.50              |  |  |  |  |  |  |  |  |  |  |  |  | 8.65               |
| Kobrinetz Jack     | 9.75              | 9.75              |  |  |  |  |  |  |  |  |  |  |  |  | 9.75               |
| Lopez Frank        | 9.80              | 9.80              |  |  |  |  |  |  |  |  |  |  |  |  | 9.80               |
| Pansza Mike        | 9.60              | 9.50              |  |  |  |  |  |  |  |  |  |  |  |  | 9.55               |
| Radonich Peter     | 9.80              | 9.90              |  |  |  |  |  |  |  |  |  |  |  |  | 9.85               |
| Tschirhart Garland | 9.80              | 9.80              |  |  |  |  |  |  |  |  |  |  |  |  | 9.80               |
| Adams Patrick      | 9.80              | 9.90              |  |  |  |  |  |  |  |  |  |  |  |  | 9.85               |
| Barrera Tony       | 9.70              | 9.70              |  |  |  |  |  |  |  |  |  |  |  |  | 9.70               |
| Foecking Brian     | 9.80              | 9.80              |  |  |  |  |  |  |  |  |  |  |  |  | 9.80               |
| Lowsky John        | 8.88              | 9.00              |  |  |  |  |  |  |  |  |  |  |  |  | 8.94               |
| Ramirez Robert     | 9.75              | 9.76              |  |  |  |  |  |  |  |  |  |  |  |  | 9.76               |
| Rodriguez Jesse    | 9.80              | 9.80              |  |  |  |  |  |  |  |  |  |  |  |  | 9.80               |
| Sanchez Arthur     | 9.70              | 9.70              |  |  |  |  |  |  |  |  |  |  |  |  | 9.70               |
| Seiz Raymond       | 9.40              | 9.40              |  |  |  |  |  |  |  |  |  |  |  |  | 9.40               |
| Viera Ralph        | 9.83              | 9.82              |  |  |  |  |  |  |  |  |  |  |  |  | 9.83               |
| Yanchar Paul       | 9.67              | 9.69              |  |  |  |  |  |  |  |  |  |  |  |  | 9.68               |
|                    |                   |                   |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| MAXIMUM            | 10.00             | 10.00             |  |  |  |  |  |  |  |  |  |  |  |  | 10.00              |
| MINIMUM            | 8.80              | 8.50              |  |  |  |  |  |  |  |  |  |  |  |  | 8.65               |
| MEAN               | 9.65              | 9.59              |  |  |  |  |  |  |  |  |  |  |  |  | 9.62               |
| STD                | 0.30              | 0.42              |  |  |  |  |  |  |  |  |  |  |  |  | 0.34               |



yi within 1 85.7%  
 yi within 2 90.5%  
 yi within 3 100.0%

PART ID = Sequence V Calibration - Varnish

## Yi VALUES

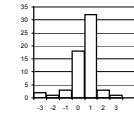
|                    | Rocker<br>Cover L | Rocker<br>Cover R |  |  |  |  |  |  |  |  |  |  |  |  | Average<br>Varnish | MEAN  | STD  |
|--------------------|-------------------|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|------|
| Anderson Richard   | -0.50             | -2.61             |  |  |  |  |  |  |  |  |  |  |  |  | -1.81              | -1.64 | 1.06 |
| Caproni David      | 0.34              | 0.03              |  |  |  |  |  |  |  |  |  |  |  |  | 0.16               | 0.18  | 0.16 |
| Castillo George    | 0.51              | 0.39              |  |  |  |  |  |  |  |  |  |  |  |  | 0.46               | 0.45  | 0.06 |
| Clapsaddle Dale    | 1.19              | 0.98              |  |  |  |  |  |  |  |  |  |  |  |  | 1.11               | 1.09  | 0.10 |
| Garcia Orlando     | 0.14              | 0.27              |  |  |  |  |  |  |  |  |  |  |  |  | 0.22               | 0.21  | 0.06 |
| Kirkpatrick John   | -2.87             | -2.61             |  |  |  |  |  |  |  |  |  |  |  |  | -2.83              | -2.77 | 0.14 |
| Kobrinetz Jack     | 0.34              | 0.39              |  |  |  |  |  |  |  |  |  |  |  |  | 0.38               | 0.37  | 0.02 |
| Lopez Frank        | 0.51              | 0.51              |  |  |  |  |  |  |  |  |  |  |  |  | 0.53               | 0.52  | 0.01 |
| Pansza Mike        | -0.16             | -0.21             |  |  |  |  |  |  |  |  |  |  |  |  | -0.20              | -0.19 | 0.03 |
| Radonich Peter     | 0.51              | 0.74              |  |  |  |  |  |  |  |  |  |  |  |  | 0.67               | 0.64  | 0.12 |
| Tschirhart Garland | 0.51              | 0.51              |  |  |  |  |  |  |  |  |  |  |  |  | 0.53               | 0.52  | 0.01 |
| Adams Patrick      | 0.51              | 0.74              |  |  |  |  |  |  |  |  |  |  |  |  | 0.67               | 0.64  | 0.12 |
| Barrera Tony       | 0.17              | 0.27              |  |  |  |  |  |  |  |  |  |  |  |  | 0.24               | 0.23  | 0.05 |
| Foecking Brian     | 0.51              | 0.51              |  |  |  |  |  |  |  |  |  |  |  |  | 0.53               | 0.52  | 0.01 |
| Lowsky John        | -2.60             | -1.41             |  |  |  |  |  |  |  |  |  |  |  |  | -1.98              | -2.00 | 0.59 |
| Ramirez Robert     | 0.34              | 0.41              |  |  |  |  |  |  |  |  |  |  |  |  | 0.40               | 0.38  | 0.04 |
| Rodriguez Jesse    | 0.51              | 0.51              |  |  |  |  |  |  |  |  |  |  |  |  | 0.53               | 0.52  | 0.01 |
| Sanchez Arthur     | 0.17              | 0.27              |  |  |  |  |  |  |  |  |  |  |  |  | 0.24               | 0.23  | 0.05 |
| Seiz Raymond       | -0.84             | -0.45             |  |  |  |  |  |  |  |  |  |  |  |  | -0.64              | -0.64 | 0.19 |
| Viera Ralph        | 0.61              | 0.55              |  |  |  |  |  |  |  |  |  |  |  |  | 0.60               | 0.59  | 0.03 |
| Yanchar Paul       | 0.07              | 0.24              |  |  |  |  |  |  |  |  |  |  |  |  | 0.18               | 0.16  | 0.09 |
|                    |                   |                   |  |  |  |  |  |  |  |  |  |  |  |  |                    |       |      |
| Yi MAXIMUM         | -2.87             | -2.61             |  |  |  |  |  |  |  |  |  |  |  |  | -2.83              | -2.77 | 1.06 |
| Yi MINIMUM         | 0.07              | 0.03              |  |  |  |  |  |  |  |  |  |  |  |  | 0.16               | 0.16  | 0.01 |
| Yi MEAN            | 0.00              | 0.00              |  |  |  |  |  |  |  |  |  |  |  |  | 0.00               |       |      |
| Yi STD             | 1.00              | 1.00              |  |  |  |  |  |  |  |  |  |  |  |  | 1.00               |       |      |
| Ratings MEAN       | 9.65              | 9.59              |  |  |  |  |  |  |  |  |  |  |  |  | 9.62               |       |      |
| Ratings STD        | 0.30              | 0.42              |  |  |  |  |  |  |  |  |  |  |  |  | 0.34               |       |      |

## Light Duty Rating Workshop

PART ID = Sequence V - Varnish

## RATED VALUES

|                    | Piston<br>Skirts<br>(Thrust) | Rocker<br>Cover<br>Baffle L | Rocker<br>Cover<br>Baffle R |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------------------------------|-----------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Caproni David      | 8.69                         | 9.61                        | 9.63                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Castillo George    | 8.19                         | 9.68                        | 9.76                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Clapsaddle Dale    | 8.31                         | 9.39                        | 9.38                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 8.20                         | 9.62                        | 9.58                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kirkpatrick John   | 8.40                         | 9.50                        | 9.50                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kobrinetz Jack     | 8.60                         | 9.68                        | 9.72                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lopez Frank        | 8.35                         | 9.71                        | 9.74                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pansza, Mike       | 8.42                         | 9.52                        | 9.64                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 8.55                         | 9.80                        | 9.75                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 8.86                         | 9.70                        | 9.70                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adams Patrick      | 8.74                         | 9.80                        | 9.90                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Barrera Tony       | 8.66                         | 9.63                        | 9.55                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 8.67                         | 9.70                        | 9.80                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lowsky John        | 7.67                         | 8.75                        | 8.50                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 8.47                         | 9.52                        | 9.55                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 8.84                         | 9.78                        | 9.77                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sanchez Arthur     | 8.42                         | 9.70                        | 9.58                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 9.16                         | 9.20                        | 9.40                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Viera Ralph        | 8.60                         | 9.70                        | 9.68                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 8.69                         | 9.65                        | 9.55                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                              |                             |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                              |                             |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 9.16                         | 9.80                        | 9.90                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 7.67                         | 8.75                        | 8.50                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 8.52                         | 9.58                        | 9.58                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.31                         | 0.24                        | 0.29                        |  |  |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 83.3%  
 yi within 2 93.3%  
 yi within 3 96.7%

PART ID = Sequence V - Varnish

## Yi VALUES

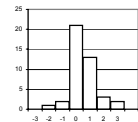
|                    | Piston<br>Skirts<br>(Thrust) | Rocker<br>Cover<br>Baffle L | Rocker<br>Cover<br>Baffle R |  |  |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|------------------------------|-----------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
| Caproni David      | 0.53                         | 0.12                        | 0.16                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.27  | 0.23 |
| Castillo George    | -1.08                        | 0.40                        | 0.61                        |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.02 | 0.92 |
| Clapsaddle Dale    | -0.69                        | -0.79                       | -0.71                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.73 | 0.05 |
| Garcia Orlando     | -1.04                        | 0.16                        | -0.01                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.30 | 0.65 |
| Kirkpatrick John   | -0.40                        | -0.34                       | -0.29                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.34 | 0.05 |
| Kobrinetz Jack     | 0.24                         | 0.40                        | 0.47                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.37  | 0.12 |
| Lopez Frank        | -0.56                        | 0.53                        | 0.54                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.17  | 0.63 |
| Pansza, Mike       | -0.34                        | -0.25                       | 0.19                        |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.13 | 0.29 |
| Radonich Peter     | 0.08                         | 0.90                        | 0.58                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.52  | 0.41 |
| Tschirhart Garland | 1.08                         | 0.49                        | 0.40                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.66  | 0.37 |
| Adams Patrick      | 0.69                         | 0.90                        | 1.10                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.90  | 0.20 |
| Barrera Tony       | 0.44                         | 0.20                        | -0.12                       |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.17  | 0.28 |
| Foecking Brian     | 0.47                         | 0.49                        | 0.75                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.57  | 0.16 |
| Lowsky John        | -2.75                        | -3.42                       | -3.77                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -3.31 | 0.52 |
| Ramirez Robert     | -0.18                        | -0.25                       | -0.12                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.18 | 0.07 |
| Rodriguez Jesse    | 1.02                         | 0.81                        | 0.65                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.83  | 0.18 |
| Sanchez Arthur     | -0.34                        | 0.49                        | -0.01                       |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.04  | 0.41 |
| Seiz Raymond       | 2.05                         | -1.57                       | -0.64                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.05 | 1.88 |
| Viera Ralph        | 0.24                         | 0.49                        | 0.33                        |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.35  | 0.12 |
| Yanchar Paul       | 0.53                         | 0.28                        | -0.12                       |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.23  | 0.33 |
|                    |                              |                             |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                              |                             |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi MAXIMUM         | -2.75                        | -3.42                       | -3.77                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -3.31 | 1.88 |
| Yi MINIMUM         | 0.08                         | 0.12                        | -0.01                       |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.02 | 0.05 |
| Yi MEAN            | 0.00                         | 0.00                        | 0.00                        |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00                         | 1.00                        | 1.00                        |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 8.52                         | 9.58                        | 9.58                        |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.31                         | 0.24                        | 0.29                        |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |

## Light Duty Rating Workshop

PART ID = Sequence V Calibration - Sludge

## RATED VALUES

|                    |  |  | Rocker<br>Cover<br>Baffle L | Rocker<br>Cover<br>Baffle R |  |  |  |  |  |  |  |  |  |  |  | Average<br>Sludge |
|--------------------|--|--|-----------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|-------------------|
| Anderson Richard   |  |  | 9.00                        | 9.50                        |  |  |  |  |  |  |  |  |  |  |  | 9.25              |
| Caproni David      |  |  | 9.00                        | 8.33                        |  |  |  |  |  |  |  |  |  |  |  | 8.67              |
| Castillo George    |  |  | 9.05                        | 7.96                        |  |  |  |  |  |  |  |  |  |  |  | 8.51              |
| Clapsaddle Dale    |  |  | 8.48                        | 9.36                        |  |  |  |  |  |  |  |  |  |  |  | 8.92              |
| Garcia Orlando     |  |  | 9.05                        | 8.09                        |  |  |  |  |  |  |  |  |  |  |  | 8.57              |
| Kirkpatrick John   |  |  | 9.30                        | 8.81                        |  |  |  |  |  |  |  |  |  |  |  | 9.06              |
| Kobrinetz Jack     |  |  | 9.04                        | 8.86                        |  |  |  |  |  |  |  |  |  |  |  | 8.95              |
| Lopez Frank        |  |  | 9.05                        | 8.36                        |  |  |  |  |  |  |  |  |  |  |  | 8.71              |
| Pansza Mike        |  |  | 8.90                        | 8.10                        |  |  |  |  |  |  |  |  |  |  |  | 8.50              |
| Radonich Peter     |  |  | 9.08                        | 8.00                        |  |  |  |  |  |  |  |  |  |  |  | 8.54              |
| Tschirhart Garland |  |  | 9.21                        | 8.10                        |  |  |  |  |  |  |  |  |  |  |  | 8.66              |
| Adams Patrick      |  |  | 9.03                        | 8.10                        |  |  |  |  |  |  |  |  |  |  |  | 8.57              |
| Barrera Tony       |  |  | 9.10                        | 9.33                        |  |  |  |  |  |  |  |  |  |  |  | 9.22              |
| Foecking Brian     |  |  | 8.74                        | 8.03                        |  |  |  |  |  |  |  |  |  |  |  | 8.39              |
| Lowsky John        |  |  | 9.04                        | 8.15                        |  |  |  |  |  |  |  |  |  |  |  | 8.60              |
| Ramirez Robert     |  |  | 9.09                        | 8.55                        |  |  |  |  |  |  |  |  |  |  |  | 8.82              |
| Rodriguez Jesse    |  |  | 9.05                        | 7.90                        |  |  |  |  |  |  |  |  |  |  |  | 8.48              |
| Sanchez Arthur     |  |  | 9.12                        | 8.20                        |  |  |  |  |  |  |  |  |  |  |  | 8.66              |
| Seiz Raymond       |  |  | 9.52                        | 7.78                        |  |  |  |  |  |  |  |  |  |  |  | 8.65              |
| Viera Ralph        |  |  | 9.08                        | 8.31                        |  |  |  |  |  |  |  |  |  |  |  | 8.70              |
| Yanchar Paul       |  |  | 9.02                        | 8.02                        |  |  |  |  |  |  |  |  |  |  |  | 8.52              |
|                    |  |  |                             |                             |  |  |  |  |  |  |  |  |  |  |  |                   |
| MAXIMUM            |  |  | 9.52                        | 9.50                        |  |  |  |  |  |  |  |  |  |  |  | 9.25              |
| MINIMUM            |  |  | 8.48                        | 7.78                        |  |  |  |  |  |  |  |  |  |  |  | 8.39              |
| MEAN               |  |  | 9.05                        | 8.37                        |  |  |  |  |  |  |  |  |  |  |  | 8.71              |
| STD                |  |  | 0.20                        | 0.51                        |  |  |  |  |  |  |  |  |  |  |  | 0.24              |



yi within 1 81.0%  
 yi within 2 92.9%  
 yi within 3 100.0%

PART ID = Sequence V Calibration - Sludge

## YI VALUES

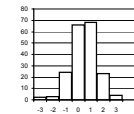
|                    |  |  | Rocker<br>Cover<br>Baffle L | Rocker<br>Cover<br>Baffle R |  |  |  |  |  |  |  |  |  |  |  | Average<br>Sludge | MEAN  | STD  |
|--------------------|--|--|-----------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|-------------------|-------|------|
| Anderson Richard   |  |  | -0.23                       | 2.22                        |  |  |  |  |  |  |  |  |  |  |  | 2.25              | 1.41  | 1.42 |
| Caproni David      |  |  | -0.23                       | -0.09                       |  |  |  |  |  |  |  |  |  |  |  | -0.18             | -0.17 | 0.07 |
| Castillo George    |  |  | 0.02                        | -0.82                       |  |  |  |  |  |  |  |  |  |  |  | -0.85             | -0.55 | 0.49 |
| Clapsaddle Dale    |  |  | -2.88                       | 1.95                        |  |  |  |  |  |  |  |  |  |  |  | 0.88              | -0.02 | 2.54 |
| Garcia Orlando     |  |  | 0.02                        | -0.56                       |  |  |  |  |  |  |  |  |  |  |  | -0.58             | -0.37 | 0.34 |
| Kirkpatrick John   |  |  | 1.30                        | 0.86                        |  |  |  |  |  |  |  |  |  |  |  | 1.44              | 1.20  | 0.30 |
| Kobrinetz Jack     |  |  | -0.03                       | 0.96                        |  |  |  |  |  |  |  |  |  |  |  | 1.00              | 0.64  | 0.58 |
| Lopez Frank        |  |  | 0.02                        | -0.03                       |  |  |  |  |  |  |  |  |  |  |  | -0.02             | -0.01 | 0.03 |
| Pansza Mike        |  |  | -0.74                       | -0.54                       |  |  |  |  |  |  |  |  |  |  |  | -0.87             | -0.72 | 0.17 |
| Radonich Peter     |  |  | 0.18                        | -0.74                       |  |  |  |  |  |  |  |  |  |  |  | -0.70             | -0.42 | 0.52 |
| Tschirhart Garland |  |  | 0.84                        | -0.54                       |  |  |  |  |  |  |  |  |  |  |  | -0.23             | 0.02  | 0.72 |
| Adams Patrick      |  |  | -0.08                       | -0.54                       |  |  |  |  |  |  |  |  |  |  |  | -0.60             | -0.41 | 0.29 |
| Barrera Tony       |  |  | 0.28                        | 1.89                        |  |  |  |  |  |  |  |  |  |  |  | 2.10              | 1.42  | 1.00 |
| Foecking Brian     |  |  | -1.56                       | -0.68                       |  |  |  |  |  |  |  |  |  |  |  | -1.35             | -1.19 | 0.46 |
| Lowsky John        |  |  | -0.03                       | -0.44                       |  |  |  |  |  |  |  |  |  |  |  | -0.48             | -0.31 | 0.25 |
| Ramirez Robert     |  |  | 0.23                        | 0.35                        |  |  |  |  |  |  |  |  |  |  |  | 0.46              | 0.35  | 0.12 |
| Rodriguez Jesse    |  |  | 0.02                        | -0.93                       |  |  |  |  |  |  |  |  |  |  |  | -0.97             | -0.63 | 0.57 |
| Sanchez Arthur     |  |  | 0.38                        | -0.34                       |  |  |  |  |  |  |  |  |  |  |  | -0.20             | -0.06 | 0.38 |
| Seiz Raymond       |  |  | 2.42                        | -1.17                       |  |  |  |  |  |  |  |  |  |  |  | -0.25             | 0.33  | 1.86 |
| Viera Ralph        |  |  | 0.18                        | -0.12                       |  |  |  |  |  |  |  |  |  |  |  | -0.06             | 0.00  | 0.16 |
| Yanchar Paul       |  |  | -0.13                       | -0.70                       |  |  |  |  |  |  |  |  |  |  |  | -0.79             | -0.54 | 0.36 |
|                    |  |  |                             |                             |  |  |  |  |  |  |  |  |  |  |  |                   |       |      |
| Yi MAXIMUM         |  |  | -2.88                       | 2.22                        |  |  |  |  |  |  |  |  |  |  |  | 2.25              | 1.42  | 2.54 |
| Yi MINIMUM         |  |  | 0.02                        | -0.03                       |  |  |  |  |  |  |  |  |  |  |  | -0.02             | 0.00  | 0.03 |
| Yi MEAN            |  |  | 0.00                        | 0.00                        |  |  |  |  |  |  |  |  |  |  |  | 0.00              |       |      |
| Yi STD             |  |  | 1.00                        | 1.00                        |  |  |  |  |  |  |  |  |  |  |  | 1.00              |       |      |
| Ratings MEAN       |  |  | 9.05                        | 8.37                        |  |  |  |  |  |  |  |  |  |  |  | 8.71              |       |      |
| Ratings STD        |  |  | 0.20                        | 0.51                        |  |  |  |  |  |  |  |  |  |  |  | 0.24              |       |      |

## Light Duty Rating Workshop

PART ID = Sequence V - Sludge

## RATED VALUES

|                    | Rocker<br>Cover L | Rocker<br>Cover R | Rocker<br>Cover<br>Baffle L | Rocker<br>Cover<br>Baffle R | Timing<br>Chain<br>Cover | Oil Pan<br>Baffle | Oil Pan | Valve<br>Deck Area<br>L | Valve<br>Deck Area<br>R |  |  |  |  |  |  | Average<br>Sludge |
|--------------------|-------------------|-------------------|-----------------------------|-----------------------------|--------------------------|-------------------|---------|-------------------------|-------------------------|--|--|--|--|--|--|-------------------|
| Anderson Richard   | 9.50              | 9.28              | 9.50                        | 8.65                        | 9.30                     | 8.65              | 7.25    |                         | 2.90                    |  |  |  |  |  |  | 8.13              |
| Caproni David      | 9.46              | 9.13              | 9.21                        | 8.55                        | 9.01                     | 7.91              | 7.06    | 9.32                    | 3.31                    |  |  |  |  |  |  | 8.11              |
| Castillo George    | 9.51              | 9.32              | 9.29                        | 7.85                        | 9.03                     | 7.98              | 7.05    | 9.27                    | 3.25                    |  |  |  |  |  |  | 8.06              |
| Clapsaddle Dale    | 9.63              | 9.45              | 9.43                        | 8.90                        | 8.86                     | 8.24              | 6.84    | 9.29                    | 3.35                    |  |  |  |  |  |  | 8.22              |
| Garcia Orlando     | 9.58              | 9.42              | 9.26                        | 8.75                        | 8.79                     | 8.33              | 7.17    | 9.14                    | 3.25                    |  |  |  |  |  |  | 8.19              |
| Kirkpatrick John   | 9.51              | 9.38              | 8.54                        | 7.55                        | 9.20                     | 8.17              | 7.02    | 8.42                    | 3.16                    |  |  |  |  |  |  | 7.88              |
| Kobrinetz Jack     | 9.60              | 9.24              | 8.54                        | 9.08                        | 8.82                     | 8.34              | 7.06    | 9.06                    | 3.28                    |  |  |  |  |  |  | 8.11              |
| Lopez Frank        | 9.62              | 9.41              | 9.37                        | 8.06                        | 8.76                     | 8.04              | 7.08    | 9.16                    | 3.26                    |  |  |  |  |  |  | 8.08              |
| Pansza Mike        | 9.52              | 9.16              | 9.14                        | 7.88                        | 8.84                     | 7.72              | 7.61    | 9.12                    | 3.39                    |  |  |  |  |  |  | 8.04              |
| Radonich Peter     | 9.64              | 9.20              | 9.25                        | 8.05                        | 8.80                     | 8.10              | 7.35    | 9.25                    | 3.35                    |  |  |  |  |  |  | 8.11              |
| Tschirhart Garland | 9.59              | 9.35              | 9.20                        | 7.80                        | 8.33                     | 8.20              | 6.80    | 9.00                    | 3.33                    |  |  |  |  |  |  | 7.96              |
| Adams Patrick      | 9.68              | 9.34              | 9.18                        | 8.16                        | 8.35                     | 8.08              | 7.06    | 9.23                    | 3.32                    |  |  |  |  |  |  | 8.04              |
| Barrera Tony       | 9.80              | 9.57              | 9.50                        | 9.10                        | 9.35                     | 8.40              | 7.34    | 9.71                    | 3.30                    |  |  |  |  |  |  | 8.45              |
| Foecking Brian     | 9.54              | 9.30              | 9.21                        | 8.07                        | 9.06                     | 8.18              | 7.30    | 9.23                    | 3.35                    |  |  |  |  |  |  | 8.14              |
| Lowsky John        | 9.70              | 9.50              | 9.23                        | 8.10                        | 8.65                     | 8.15              | 7.30    | 9.45                    | 3.30                    |  |  |  |  |  |  | 8.15              |
| McGill Lloyd       |                   |                   | 9.05                        | 9.29                        |                          |                   |         |                         |                         |  |  |  |  |  |  | 9.17              |
| Ramirez Robert     | 9.71              | 9.37              | 9.33                        | 8.36                        | 8.97                     | 8.15              | 7.03    | 9.51                    | 3.26                    |  |  |  |  |  |  | 8.19              |
| Rodriguez Jesse    | 9.55              | 9.49              | 9.40                        | 7.47                        | 8.54                     | 7.81              | 6.74    | 9.39                    | 3.24                    |  |  |  |  |  |  | 7.96              |
| Sanchez Arthur     | 9.51              | 9.27              | 9.21                        | 8.20                        | 8.65                     | 8.20              | 6.78    | 9.27                    | 3.41                    |  |  |  |  |  |  | 8.06              |
| Seiz Raymond       | 9.72              | 9.46              | 9.32                        | 8.26                        | 9.05                     | 8.22              | 6.62    | 9.55                    | 3.46                    |  |  |  |  |  |  | 8.18              |
| Viera Ralph        | 9.62              | 9.48              | 9.37                        | 8.34                        | 9.04                     | 8.06              | 7.17    | 9.30                    | 3.26                    |  |  |  |  |  |  | 8.18              |
| Yanchar Paul       | 9.70              | 9.47              | 9.19                        | 8.07                        | 9.06                     | 7.82              | 6.79    | 9.35                    | 3.25                    |  |  |  |  |  |  | 8.08              |
| MAXIMUM            | 9.80              | 9.57              | 9.50                        | 9.29                        | 9.35                     | 8.65              | 7.61    | 9.71                    | 3.46                    |  |  |  |  |  |  | 9.17              |
| MINIMUM            | 9.46              | 9.13              | 8.54                        | 7.47                        | 8.33                     | 7.72              | 6.62    | 8.42                    | 2.90                    |  |  |  |  |  |  | 7.88              |
| MEAN               | 9.60              | 9.36              | 9.21                        | 8.30                        | 8.88                     | 8.13              | 7.07    | 9.25                    | 3.28                    |  |  |  |  |  |  | 8.16              |
| STD                | 0.09              | 0.12              | 0.25                        | 0.50                        | 0.27                     | 0.21              | 0.25    | 0.26                    | 0.11                    |  |  |  |  |  |  | 0.25              |



yi within 1 70.5%  
 yi within 2 95.3%  
 yi within 3 98.9%

PART ID = Sequence V - Sludge

## Yi VALUES

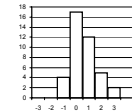
|                    | Rocker<br>Cover L | Rocker<br>Cover R | Rocker<br>Cover<br>Baffle L | Rocker<br>Cover<br>Baffle R | Timing<br>Chain<br>Cover | Oil Pan<br>Baffle | Oil Pan | Valve<br>Deck Area<br>L | Valve<br>Deck Area<br>R |  |  |  |  |  |  | Average<br>Sludge | MEAN  | STD  |
|--------------------|-------------------|-------------------|-----------------------------|-----------------------------|--------------------------|-------------------|---------|-------------------------|-------------------------|--|--|--|--|--|--|-------------------|-------|------|
| Anderson Richard   | -1.16             | -0.68             | 1.16                        | 0.71                        | 1.53                     | 2.43              | 0.74    |                         | -3.47                   |  |  |  |  |  |  | -0.12             | 0.13  | 1.75 |
| Caproni David      | -1.60             | -1.94             | -0.02                       | 0.51                        | 0.48                     | -1.03             | -0.03   | 0.27                    | 0.23                    |  |  |  |  |  |  | -0.21             | -0.33 | 0.88 |
| Castillo George    | -1.05             | -0.35             | 0.31                        | -0.90                       | 0.55                     | -0.71             | -0.07   | 0.07                    | -0.31                   |  |  |  |  |  |  | -0.39             | -0.28 | 0.51 |
| Clapsaddle Dale    | 0.29              | 0.74              | 0.88                        | 1.22                        | -0.07                    | 0.51              | -0.93   | 0.15                    | 0.59                    |  |  |  |  |  |  | 0.25              | 0.36  | 0.59 |
| Garcia Orlando     | -0.27             | 0.49              | 0.18                        | 0.91                        | -0.32                    | 0.93              | 0.42    | -0.43                   | -0.31                   |  |  |  |  |  |  | 0.11              | 0.17  | 0.51 |
| Kirkpatrick John   | -1.05             | 0.16              | -2.74                       | -1.51                       | 1.17                     | 0.18              | -0.19   | -3.21                   | -1.13                   |  |  |  |  |  |  | -1.09             | -0.94 | 1.34 |
| Kobrinetz Jack     | -0.05             | -1.02             | -2.74                       | 1.58                        | -0.22                    | 0.98              | -0.03   | -0.74                   | -0.04                   |  |  |  |  |  |  | -0.18             | -0.25 | 1.16 |
| Lopez Frank        | 0.17              | 0.41              | 0.63                        | -0.48                       | -0.43                    | -0.42             | 0.05    | -0.35                   | -0.22                   |  |  |  |  |  |  | -0.30             | -0.09 | 0.39 |
| Pansza Mike        | -0.93             | -1.69             | -0.30                       | -0.84                       | -0.14                    | -1.92             | 2.21    | -0.51                   | 0.95                    |  |  |  |  |  |  | -0.46             | -0.36 | 1.21 |
| Radonich Peter     | 0.40              | -1.35             | 0.14                        | -0.50                       | -0.29                    | -0.14             | 1.15    | 0.00                    | 0.59                    |  |  |  |  |  |  | -0.19             | -0.02 | 0.67 |
| Tschirhart Garland | -0.16             | -0.10             | -0.06                       | -1.00                       | -2.00                    | 0.32              | -1.09   | -0.97                   | 0.41                    |  |  |  |  |  |  | -0.81             | -0.55 | 0.75 |
| Adams Patrick      | 0.84              | -0.18             | -0.14                       | -0.28                       | -1.93                    | -0.24             | -0.03   | -0.08                   | 0.32                    |  |  |  |  |  |  | -0.45             | -0.22 | 0.70 |
| Barrera Tony       | 2.17              | 1.75              | 1.16                        | 1.62                        | 1.72                     | 1.26              | 1.11    | 1.77                    | 0.14                    |  |  |  |  |  |  | 1.16              | 1.39  | 0.56 |
| Foecking Brian     | -0.71             | -0.51             | -0.02                       | -0.46                       | 0.66                     | 0.23              | 0.95    | -0.08                   | 0.59                    |  |  |  |  |  |  | -0.08             | 0.06  | 0.55 |
| Lowsky John        | 1.06              | 1.16              | 0.06                        | -0.40                       | -0.83                    | 0.09              | 0.95    | 0.77                    | 0.14                    |  |  |  |  |  |  | -0.02             | 0.30  | 0.66 |
| McGill Lloyd       |                   |                   | -0.67                       | 2.00                        |                          |                   |         |                         |                         |  |  |  |  |  |  | 4.00              | 1.78  | 2.34 |
| Ramirez Robert     | 1.17              | 0.07              | 0.47                        | 0.13                        | 0.33                     | 0.09              | -0.15   | 1.00                    | -0.22                   |  |  |  |  |  |  | 0.11              | 0.30  | 0.46 |
| Rodriguez Jesse    | -0.60             | 1.08              | 0.75                        | -1.67                       | -1.24                    | -1.50             | -1.33   | 0.54                    | -0.40                   |  |  |  |  |  |  | -0.79             | -0.52 | 0.99 |
| Sanchez Arthur     | -1.05             | -0.77             | -0.02                       | -0.20                       | -0.83                    | 0.32              | -1.17   | 0.07                    | 1.13                    |  |  |  |  |  |  | -0.41             | -0.29 | 0.71 |
| Seiz Raymond       | 1.28              | 0.83              | 0.43                        | -0.08                       | 0.62                     | 0.42              | -1.82   | 1.15                    | 1.58                    |  |  |  |  |  |  | 0.10              | 0.45  | 0.95 |
| Viera Ralph        | 0.17              | 0.99              | 0.63                        | 0.09                        | 0.59                     | -0.33             | 0.42    | 0.19                    | -0.22                   |  |  |  |  |  |  | 0.09              | 0.26  | 0.40 |
| Yanchar Paul       | 1.06              | 0.91              | -0.10                       | -0.46                       | 0.66                     | -1.45             | -1.13   | 0.38                    | -0.31                   |  |  |  |  |  |  | -0.32             | -0.08 | 0.84 |
| Yi MAXIMUM         | 2.17              | -1.94             | -2.74                       | 2.00                        | -2.00                    | 2.43              | 2.21    | -3.21                   | -3.47                   |  |  |  |  |  |  | 4.00              | 1.78  | 2.34 |
| Yi MINIMUM         | -0.05             | 0.07              | -0.02                       | -0.08                       | -0.07                    | 0.09              | -0.03   | 0.00                    | -0.04                   |  |  |  |  |  |  | -0.02             | -0.02 | 0.39 |
| Yi MEAN            | 0.00              | 0.00              | 0.00                        | 0.00                        | 0.00                     | 0.00              | 0.00    | 0.00                    | 0.00                    |  |  |  |  |  |  | 0.00              |       |      |
| Yi STD             | 1.00              | 1.00              | 1.00                        | 1.00                        | 1.00                     | 1.00              | 1.00    | 1.00                    | 1.00                    |  |  |  |  |  |  | 1.00              |       |      |
| Ratings MEAN       | 9.60              | 9.36              | 9.21                        | 8.30                        | 8.88                     | 8.13              | 7.07    | 9.25                    | 3.28                    |  |  |  |  |  |  | 8.16              |       |      |
| Ratings STD        | 0.09              | 0.12              | 0.25                        | 0.50                        | 0.27                     | 0.21              | 0.25    | 0.26                    | 0.11                    |  |  |  |  |  |  | 0.25              |       |      |

## Light Duty Rating Workshop

PART ID = Sequence V - Clogging

## RATED VALUES

|                    | Oil Screen<br>%Sludge | Oil Screen<br>%Debris |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|-----------------------|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Anderson Richard   | 0.40                  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Caproni David      | 0.50                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Castillo George    | 0.27                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Clapsaddle Dale    | 0.40                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 0.09                  | 0.02                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kirkpatrick John   | 0.35                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kobrinetz Jack     | 0.04                  | 0.02                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lopez Frank        | 0.04                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pansza Mike        | 0.38                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 0.50                  | 0.05                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 0.25                  | 0.05                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adams Patrick      | 0.28                  | 0.03                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Barrera Tony       | 0.20                  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 0.35                  | 0.02                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lowsky John        | 0.45                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       |                       |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 0.22                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 0.04                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sanchez Arthur     | 0.40                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 0.37                  | 0.03                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Viera Ralph        | 0.15                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 0.18                  | 0.02                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                       |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 0.50                  | 0.05                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 0.04                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 0.28                  | 0.01                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.15                  | 0.02                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



PART ID = Sequence V - Clogging

## Yi VALUES

|                    | Oil Screen<br>%Sludge | Oil Screen<br>%Debris |  |  |  |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|-----------------------|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
| Anderson Richard   | 0.81                  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.81  |      |
| Caproni David      | 1.48                  | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.38  | 1.57 |
| Castillo George    | -0.06                 | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.40 | 0.47 |
| Clapsaddle Dale    | 0.81                  | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.04  | 1.09 |
| Garcia Orlando     | -1.27                 | 0.43                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.42 | 1.20 |
| Kirkpatrick John   | 0.48                  | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.13 | 0.85 |
| Kobrinetz Jack     | -1.61                 | 0.43                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.59 | 1.44 |
| Lopez Frank        | -1.61                 | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.17 | 0.62 |
| Pansza Mike        | 0.68                  | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.03 | 1.00 |
| Radonich Peter     | 1.48                  | 2.16                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.82  | 0.48 |
| Tschirhart Garland | -0.20                 | 2.16                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.98  | 1.67 |
| Adams Patrick      | 0.01                  | 1.01                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.51  | 0.71 |
| Barrera Tony       | -0.53                 |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.53 |      |
| Foecking Brian     | 0.48                  | 0.43                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.45  | 0.04 |
| Lowsky John        | 1.15                  | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.21  | 1.33 |
| McGill Lloyd       |                       |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ramirez Robert     | -0.40                 | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.56 | 0.24 |
| Rodriguez Jesse    | -1.61                 | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.17 | 0.62 |
| Sanchez Arthur     | 0.81                  | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.04  | 1.09 |
| Seiz Raymond       | 0.61                  | 1.01                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.81  | 0.28 |
| Viera Ralph        | -0.87                 | -0.73                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.80 | 0.10 |
| Yanchar Paul       | -0.67                 | 0.43                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.12 | 0.77 |
|                    |                       |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi MAXIMUM         | -1.61                 | 2.16                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.82  | 1.67 |
| Yi MINIMUM         | 0.01                  | 0.43                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.03 | 0.04 |
| Yi MEAN            | 0.00                  | 0.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00                  | 1.00                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 0.28                  | 0.01                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.15                  | 0.02                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |

## Light Duty Rating Workshop

PART ID = Induction/Combustion Calibration - Piston Top C1

## RATED VALUES

|                    | Piston Top |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Anderson Richard   | 8.50       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Castillo George    | 8.47       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Clapsaddle Dale    | 9.42       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deuschle Steven    | 7.79       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dotson Robert      | 8.20       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 8.29       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 8.69       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kirkpatrick John   | 8.45       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kobrinetz Jack     | 8.28       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lopez Frank        | 7.94       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pansza Mike        | 8.27       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 8.20       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 8.70       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adams Patrick      | 8.05       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Avis Steve         | 7.63       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 8.90       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lowsky John        | 8.16       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 7.89       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 7.96       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 8.24       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sanchez Arthur     | 7.81       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 8.90       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 8.50       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 9.42       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 7.63       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 1.79       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 8.31       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.42       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 69.6%  
 yi within 2 95.7%  
 yi within 3 100.0%

PART ID = Induction/Combustion Calibration - Piston Top C1

## Yi VALUES

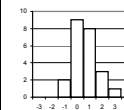
|                    | Piston Top |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD |
|--------------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|-----|
| Anderson Richard   | 0.44       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.44  |     |
| Castillo George    | 0.37       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.37  |     |
| Clapsaddle Dale    | 2.63       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.63  |     |
| Deuschle Steven    | -1.25      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.25 |     |
| Dotson Robert      | -0.27      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.27 |     |
| Garcia Orlando     | -0.06      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.06 |     |
| Garrett Thomas     | 0.89       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.89  |     |
| Kirkpatrick John   | 0.32       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.32  |     |
| Kobrinetz Jack     | -0.08      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.08 |     |
| Lopez Frank        | -0.89      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.89 |     |
| Pansza Mike        | -0.11      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.11 |     |
| Radonich Peter     | -0.27      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.27 |     |
| Tschirhart Garland | 0.92       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.92  |     |
| Adams Patrick      | -0.63      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.63 |     |
| Avis Steve         | -1.63      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.63 |     |
| Foecking Brian     | 1.39       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.39  |     |
| Lowsky John        | -0.37      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.37 |     |
| McGill Lloyd       | -1.01      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.01 |     |
| Ramirez Robert     | -0.84      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.84 |     |
| Rodriguez Jesse    | -0.18      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.18 |     |
| Sanchez Arthur     | -1.20      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.20 |     |
| Seiz Raymond       | 1.39       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.39  |     |
| Yanchar Paul       | 0.44       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.44  |     |
| Yi MAXIMUM         | 2.63       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.63  |     |
| Yi MINIMUM         | -0.06      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.06 |     |
| Yi MEAN            | 0.00       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |
| Yi STD             | 1.00       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |
| Ratings MEAN       | 8.31       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |
| Ratings STD        | 0.42       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |

## Light Duty Rating Workshop

PART ID = Induction/Combustion Calibration - Piston Top C2

## RATED VALUES

|                    | Piston Top |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Anderson Richard   | 7.00       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Castillo George    | 7.12       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Clapsaddle Dale    | 8.35       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deuschle Steven    | 6.44       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dotson Robert      | 6.71       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 7.44       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 6.36       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kirkpatrick John   | 7.45       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kobrinetz Jack     | 7.15       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lopez Frank        | 6.67       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pansza Mike        | 6.50       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 7.20       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 7.00       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adams Patrick      | 5.78       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Avis Steve         | 6.38       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 7.30       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lowsky John        | 6.61       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 6.90       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 7.50       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 6.95       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sanchez Arthur     | 6.06       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 6.80       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 6.50       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 8.35       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 5.78       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 2.57       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 6.88       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.55       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 73.9%  
 yi within 2 95.7%  
 yi within 3 100.0%

PART ID = Induction/Combustion Calibration - Piston Top C2

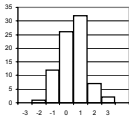
## Yi VALUES

|                    | Piston Top |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD |
|--------------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|-----|
| Anderson Richard   | 0.22       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.22  |     |
| Castillo George    | 0.44       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.44  |     |
| Clapsaddle Dale    | 2.68       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.68  |     |
| Deuschle Steven    | -0.79      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.79 |     |
| Dotson Robert      | -0.30      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.30 |     |
| Garcia Orlando     | 1.02       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.02  |     |
| Garrett Thomas     | -0.94      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.94 |     |
| Kirkpatrick John   | 1.04       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.04  |     |
| Kobrinetz Jack     | 0.50       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.50  |     |
| Lopez Frank        | -0.38      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.38 |     |
| Pansza Mike        | -0.68      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.68 |     |
| Radonich Peter     | 0.59       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.59  |     |
| Tschirhart Garland | 0.22       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.22  |     |
| Adams Patrick      | -1.99      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.99 |     |
| Avis Steve         | -0.90      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.90 |     |
| Foecking Brian     | 0.77       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.77  |     |
| Lowsky John        | -0.49      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.49 |     |
| McGill Lloyd       | 0.04       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.04  |     |
| Ramirez Robert     | 1.13       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.13  |     |
| Rodriguez Jesse    | 0.13       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.13  |     |
| Sanchez Arthur     | -1.48      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.48 |     |
| Seiz Raymond       | -0.14      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.14 |     |
| Yanchar Paul       | -0.68      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.68 |     |
|                    |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |
| Yi MAXIMUM         | 2.68       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.68  |     |
| Yi MINIMUM         | 0.04       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.04  |     |
| Yi MEAN            | 0.00       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |
| Yi STD             | 1.00       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |
| Ratings MEAN       | 6.88       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |
| Ratings STD        | 0.55       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |     |

**PART ID = 2-Cycle Piston M1**

## RATED VALUES

|                    | Groove 1 | Groove 2 | Crown Land | Land 2 | Piston Skirt Intake | Piston Skirt Exhaust | Under Side | Piston Tops |  |  |  |  |  |  |  |
|--------------------|----------|----------|------------|--------|---------------------|----------------------|------------|-------------|--|--|--|--|--|--|--|
| Garcia Orlando     | 1.76     | 6.09     | 4.84       | 4.21   | 7.40                | 7.18                 | 9.85       | 5.02        |  |  |  |  |  |  |  |
| Garrett Thomas     | 1.45     | 6.08     | 2.89       | 2.80   | 7.81                | 8.23                 | 9.50       | 7.80        |  |  |  |  |  |  |  |
| Radonich Peter     | 2.10     | 6.40     | 2.60       | 3.65   | 8.30                | 8.80                 | 9.50       | 8.20        |  |  |  |  |  |  |  |
| Tschirhart Garland | 1.00     | 7.30     | 2.70       | 2.40   | 8.54                | 8.50                 | 9.70       | 6.28        |  |  |  |  |  |  |  |
| Foecking Brian     | 1.99     | 6.80     | 2.90       | 3.30   | 8.30                | 8.40                 | 9.10       | 7.50        |  |  |  |  |  |  |  |
| McGill Lloyd       | 1.57     | 7.79     | 6.50       | 7.00   | 7.70                | 8.00                 | 9.60       | 8.20        |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 2.07     | 6.48     | 3.86       | 3.74   | 9.15                | 9.41                 | 9.65       | 7.50        |  |  |  |  |  |  |  |
| Seiz Raymond       | 1.67     | 5.79     | 4.24       | 4.29   | 7.99                | 8.74                 | 9.33       | 7.50        |  |  |  |  |  |  |  |
| Szynal Stephen     | 1.88     | 6.68     | 2.97       | 2.95   | 7.50                | 7.00                 | 9.20       | 7.50        |  |  |  |  |  |  |  |
| Yanchar Paul       | 1.21     | 5.62     | 3.28       | 3.44   | 8.49                | 8.78                 | 9.10       | 7.50        |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
|                    |          |          |            |        |                     |                      |            |             |  |  |  |  |  |  |  |
| MAXIMUM            | 2.10     | 7.79     | 6.50       | 7.00   | 9.15                | 9.41                 | 9.85       | 8.20        |  |  |  |  |  |  |  |
| MINIMUM            | 1.00     | 5.62     | 2.60       | 2.40   | 7.40                | 7.00                 | 9.10       | 5.02        |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 1.10     | 2.17     | 3.90       | 4.60   | 1.75                | 2.41                 | 0.75       | 3.18        |  |  |  |  |  |  |  |
| MEAN               | 1.67     | 6.50     | 3.68       | 3.78   | 8.12                | 8.30                 | 9.45       | 7.30        |  |  |  |  |  |  |  |
| STD                | 0.37     | 0.67     | 1.23       | 1.28   | 0.54                | 0.75                 | 0.26       | 0.96        |  |  |  |  |  |  |  |



|             |        |
|-------------|--------|
| yi within 1 | 72.5%  |
| yi within 2 | 96.3%  |
| yi within 3 | 100.0% |

**PART ID = 2-Cycle Piston M1**

## Yi VALUES

[illegible]

### RATED VALUES

| Number of Correct Answers | Frequency |
|---------------------------|-----------|
| 0                         | 1         |
| 1                         | 7         |
| 2                         | 37        |
| 3                         | 22        |
| 4                         | 9         |
| 5                         | 4         |

|             |        |
|-------------|--------|
| yi within 1 | 73.8%  |
| yi within 2 | 93.8%  |
| yi within 3 | 100.0% |

Yi VALUES

1:50 PM 6/24/2004

### RATED VALUES

| Number of Correct Answers | Frequency |
|---------------------------|-----------|
| -3                        | 0         |
| -2                        | 2         |
| -1                        | 8         |
| 0                         | 33        |
| 1                         | 29        |
| 2                         | 5         |
| 3                         | 3         |

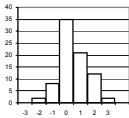
|             |        |
|-------------|--------|
| yi within 1 | 77.5%  |
| yi within 2 | 93.8%  |
| yi within 3 | 100.0% |

### Yi VALUES

1:50 PM 6/24/2004

**PART ID = 2-Cycle Piston M4**

## RATED VALUES

[illegible]

|             |        |
|-------------|--------|
| yi within 1 | 70.0%  |
| yi within 2 | 95.0%  |
| yi within 3 | 100.0% |

**PART ID = 2-Cycle Piston M4**

## Yi VALUES

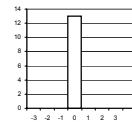
[illegible]

## Light Duty Rating Workshop

PART ID = 2 Cycle Calibration - Ring Sticking C1

## RATED VALUES

|                    | % Ring Sticking |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Castillo George    | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pansza Mike        | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Szynal Stephen     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 100.0%  
 yi within 2 100.0%  
 yi within 3 100.0%

PART ID = 2 Cycle Calibration - Ring Sticking C1

## YI VALUES

|                    | % Ring Sticking |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | MEAN | STD |
|--------------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|-----|
| Castillo George    | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Garcia Orlando     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Garrett Thomas     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Pansza Mike        | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Radonich Peter     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Tschirhart Garland | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Foecking Brian     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| McGill Lloyd       | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Ramirez Robert     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Rodriguez Jesse    | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Seiz Raymond       | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Szynal Stephen     | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Yanchar Paul       | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                    |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
| Yi MAXIMUM         | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Yi MINIMUM         | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 |     |
| Yi MEAN            | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
| Yi STD             | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
| Ratings MEAN       | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
| Ratings STD        | 0.00            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |     |



### RATED VALUES

| Number of Correct Answers | Frequency |
|---------------------------|-----------|
| 0                         | 6         |
| 1                         | 4         |
| 2                         | 1         |
| 3                         | 1         |

|             |        |
|-------------|--------|
| yi within 1 | 76.9%  |
| yi within 2 | 92.3%  |
| yi within 3 | 100.0% |

### Yi VALUES

1:51 PM 6/24/2004

### RATED VALUES

| Number of correct answers | Frequency |
|---------------------------|-----------|
| 0                         | 8         |
| 1                         | 2         |
| 2                         | 2         |
| 3                         | 1         |

Yi VALUES

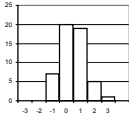
1:51 PM 6/24/2004

Light Duty Rating Workshop

PART ID = 2-Cycle Combustion Chamber N1

RATED VALUES

|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing | %<br>Cylinder<br>Block<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Garcia Orlando     | 7.92                | 0.70               | 0.03                          | 0.80                          | 0.16                               |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 8.08                | 1.00               | 0.05                          | 0.35                          | 0.20                               |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 7.80                | 0.50               | 0.03                          | 0.65                          | 0.50                               |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 9.25                | 1.00               | 0.02                          | 0.40                          | 0.20                               |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 8.00                | 1.00               | 0.05                          | 0.55                          | 0.01                               |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 8.75                | 0.50               | 0.03                          | 0.70                          | 0.05                               |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     |                     | 0.63               |                               | 0.74                          |                                    |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 7.50                | 1.00               | 0.02                          | 0.33                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 8.78                | 0.75               | 0.02                          | 0.45                          | 0.01                               |  |  |  |  |  |  |  |  |  |  |  |
| Szynal Stephen     | 8.50                | 0.80               | 0.01                          | 0.60                          | 0.02                               |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 8.10                | 1.00               | 0.04                          | 0.60                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 9.25                | 1.00               | 0.05                          | 0.80                          | 0.50                               |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 7.50                | 0.50               | 0.01                          | 0.33                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 1.75                | 0.50               | 0.04                          | 0.47                          | 0.50                               |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 8.27                | 0.81               | 0.03                          | 0.56                          | 0.12                               |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.54                | 0.21               | 0.01                          | 0.16                          | 0.16                               |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 75.0%  
yi within 2 98.1%  
yi within 3 100.0%

PART ID = 2-Cycle Combustion Chamber N1

Yi VALUES

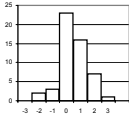
|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing | %<br>Cylinder<br>Block<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|-------|------|
| Garcia Orlando     | -0.65               | -0.52              | 0.04                          | 1.50                          | 0.28                               |  |  |  |  |  |  |  |  |  |  |  | 0.13  | 0.86 |
| Garrett Thomas     | -0.35               | 0.94               | 1.58                          | -1.32                         | 0.54                               |  |  |  |  |  |  |  |  |  |  |  | 0.28  | 1.13 |
| Radonich Peter     | -0.87               | -1.50              | 0.04                          | 0.56                          | 2.43                               |  |  |  |  |  |  |  |  |  |  |  | 0.13  | 1.51 |
| Tschirhart Garland | 1.83                | 0.94               | -0.73                         | -1.01                         | 0.54                               |  |  |  |  |  |  |  |  |  |  |  | 0.31  | 1.18 |
| Foecking Brian     | -0.50               | 0.94               | 1.58                          | -0.07                         | -0.66                              |  |  |  |  |  |  |  |  |  |  |  | 0.26  | 0.97 |
| McGill Lloyd       | 0.90                | -1.50              | 0.04                          | 0.87                          | -0.41                              |  |  |  |  |  |  |  |  |  |  |  | -0.02 | 1.00 |
| Ramirez Robert     |                     | -0.86              |                               | 1.12                          |                                    |  |  |  |  |  |  |  |  |  |  |  | 0.13  | 1.40 |
| Rodriguez Jesse    | -1.43               | 0.94               | -0.73                         | -1.44                         | -0.72                              |  |  |  |  |  |  |  |  |  |  |  | -0.68 | 0.97 |
| Seiz Raymond       | 0.96                | -0.28              | -0.73                         | -0.69                         | -0.66                              |  |  |  |  |  |  |  |  |  |  |  | -0.28 | 0.72 |
| Szynal Stephen     | 0.43                | -0.04              | -1.50                         | 0.24                          | -0.60                              |  |  |  |  |  |  |  |  |  |  |  | -0.29 | 0.78 |
| Yanchar Paul       | -0.31               | 0.94               | 0.42                          | 0.24                          | -0.72                              |  |  |  |  |  |  |  |  |  |  |  | 0.11  | 0.65 |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi MAXIMUM         | 1.83                | -1.50              | 1.58                          | 1.50                          | 2.43                               |  |  |  |  |  |  |  |  |  |  |  | -0.68 | 1.51 |
| Yi MINIMUM         | -0.31               | -0.04              | 0.04                          | -0.07                         | 0.28                               |  |  |  |  |  |  |  |  |  |  |  | -0.02 | 0.65 |
| Yi MEAN            | 0.00                | 0.00               | 0.00                          | 0.00                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00                | 1.00               | 1.00                          | 1.00                          | 1.00                               |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 8.27                | 0.81               | 0.03                          | 0.56                          | 0.12                               |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.54                | 0.21               | 0.01                          | 0.16                          | 0.16                               |  |  |  |  |  |  |  |  |  |  |  |       |      |

Light Duty Rating Workshop

PART ID = 2-Cycle Combustion Chamber N2

RATED VALUES

|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing | %<br>Cylinder<br>Block<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Garcia Orlando     | 8.76                | 1.00               | 0.04                          | 0.01                          | 0.03                               |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 8.85                | 1.00               | 0.01                          | 0.00                          | 0.06                               |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 8.50                | 0.75               | 0.01                          | 0.00                          | 0.08                               |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 8.84                | 0.60               | 0.03                          | 0.02                          | 0.04                               |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 8.60                | 1.00               | 0.01                          | 0.00                          | 0.03                               |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 8.50                | 0.40               | 0.05                          | 0.05                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     |                     | 1.00               |                               | 0.09                          |                                    |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 8.42                | 0.90               | 0.01                          | 0.00                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 8.65                | 0.90               | 0.05                          | 0.01                          | 0.03                               |  |  |  |  |  |  |  |  |  |  |  |
| Szynal Stephen     | 7.90                | 0.90               | 0.01                          | 0.01                          | 0.01                               |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 8.50                | 0.85               | 0.01                          | 0.01                          | 0.05                               |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 8.85                | 1.00               | 0.05                          | 0.09                          | 0.08                               |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 7.90                | 0.40               | 0.01                          | 0.00                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 0.95                | 0.60               | 0.04                          | 0.09                          | 0.08                               |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 8.55                | 0.85               | 0.02                          | 0.02                          | 0.03                               |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.27                | 0.19               | 0.02                          | 0.03                          | 0.03                               |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 75.0%  
yi within 2 94.2%  
yi within 3 100.0%

PART ID = 2-Cycle Combustion Chamber N2

Yi VALUES

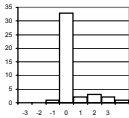
|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing | %<br>Cylinder<br>Block<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|-------|------|
| Garcia Orlando     | 0.76                | 0.80               | 0.96                          | -0.29                         | -0.12                              |  |  |  |  |  |  |  |  |  |  |  | 0.42  | 0.58 |
| Garrett Thomas     | 1.09                | 0.80               | -0.74                         | -0.65                         | 1.04                               |  |  |  |  |  |  |  |  |  |  |  | 0.31  | 0.92 |
| Radonich Peter     | -0.19               | -0.49              | -0.74                         | -0.65                         | 1.82                               |  |  |  |  |  |  |  |  |  |  |  | -0.05 | 1.07 |
| Tschirhart Garland | 1.05                | -1.27              | 0.40                          | 0.07                          | 0.27                               |  |  |  |  |  |  |  |  |  |  |  | 0.10  | 0.85 |
| Foecking Brian     | 0.17                | 0.80               | -0.74                         | -0.65                         | -0.12                              |  |  |  |  |  |  |  |  |  |  |  | -0.11 | 0.63 |
| McGill Lloyd       | -0.19               | -2.31              | 1.53                          | 1.14                          | -1.28                              |  |  |  |  |  |  |  |  |  |  |  | -0.22 | 1.61 |
| Ramirez Robert     |                     | 0.80               |                               | 2.58                          |                                    |  |  |  |  |  |  |  |  |  |  |  | 1.69  | 1.26 |
| Rodriguez Jesse    | -0.48               | 0.28               | -0.74                         | -0.65                         | -1.28                              |  |  |  |  |  |  |  |  |  |  |  | -0.57 | 0.56 |
| Seiz Raymond       | 0.36                | 0.28               | 1.53                          | -0.29                         | -0.12                              |  |  |  |  |  |  |  |  |  |  |  | 0.35  | 0.71 |
| Szynal Stephen     | -2.38               | 0.28               | -0.74                         | -0.29                         | -0.89                              |  |  |  |  |  |  |  |  |  |  |  | -0.80 | 0.99 |
| Yanchar Paul       | -0.19               | 0.02               | -0.74                         | -0.29                         | 0.66                               |  |  |  |  |  |  |  |  |  |  |  | -0.11 | 0.51 |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |                                    |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi MAXIMUM         | -2.38               | -2.31              | 1.53                          | 2.58                          | 1.82                               |  |  |  |  |  |  |  |  |  |  |  | 1.69  | 1.61 |
| Yi MINIMUM         | 0.17                | 0.02               | 0.40                          | 0.07                          | -0.12                              |  |  |  |  |  |  |  |  |  |  |  | -0.05 | 0.51 |
| Yi MEAN            | 0.00                | 0.00               | 0.00                          | 0.00                          | 0.00                               |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00                | 1.00               | 1.00                          | 1.00                          | 1.00                               |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 8.55                | 0.85               | 0.02                          | 0.02                          | 0.03                               |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.27                | 0.19               | 0.02                          | 0.03                          | 0.03                               |  |  |  |  |  |  |  |  |  |  |  |       |      |

Light Duty Rating Workshop

PART ID = 2-Cycle Combustion Chamber N3

RATED VALUES

|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Garcia Orlando     | 8.62                | 0.00               | 0.09                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 8.49                | 0.00               | 0.13                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 8.00                | 0.00               | 0.07                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 8.10                | 0.00               | 0.10                          | 0.01                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 8.40                | 0.00               | 0.09                          | 0.01                          |  |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 8.00                | 0.10               | 0.10                          | 0.10                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     |                     | 0.00               |                               | 0.02                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 7.99                | 0.00               | 0.10                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 8.12                | 0.00               | 0.10                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Szynal Stephen     | 8.00                | 0.00               | 0.15                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 8.00                | 0.00               | 0.10                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 8.62                | 0.10               | 0.15                          | 0.10                          |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 7.99                | 0.00               | 0.07                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 0.63                | 0.10               | 0.08                          | 0.10                          |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 8.17                | 0.01               | 0.10                          | 0.01                          |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.24                | 0.03               | 0.02                          | 0.03                          |  |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 83.3%  
yi within 2 92.9%  
yi within 3 97.6%

PART ID = 2-Cycle Combustion Chamber N3

Yi VALUES

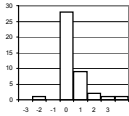
|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
| Garcia Orlando     | 1.88                | -0.30              | -0.59                         | -0.43                         |  |  |  |  |  |  |  |  |  |  |  |  | 0.14  | 1.16 |
| Garrett Thomas     | 1.33                | -0.30              | 1.22                          | -0.43                         |  |  |  |  |  |  |  |  |  |  |  |  | 0.46  | 0.95 |
| Radonich Peter     | -0.72               | -0.30              | -1.49                         | -0.43                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.74 | 0.53 |
| Tschirhart Garland | -0.30               | -0.30              | -0.14                         | -0.09                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.21 | 0.11 |
| Foecking Brian     | 0.95                | -0.30              | -0.59                         | -0.09                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.01 | 0.67 |
| McGill Lloyd       | -0.72               | 3.02               | -0.14                         | 2.94                          |  |  |  |  |  |  |  |  |  |  |  |  | 1.27  | 1.98 |
| Ramirez Robert     | -0.30               |                    |                               | 0.24                          |  |  |  |  |  |  |  |  |  |  |  |  | -0.03 | 0.39 |
| Rodriguez Jesse    | -0.76               | -0.30              | -0.14                         | -0.43                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.41 | 0.27 |
| Seiz Raymond       | -0.22               | -0.30              | -0.14                         | -0.43                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.27 | 0.13 |
| Szynal Stephen     | -0.72               | -0.30              | 2.12                          | -0.43                         |  |  |  |  |  |  |  |  |  |  |  |  | 0.17  | 1.32 |
| Yanchar Paul       | -0.72               | -0.30              | -0.14                         | -0.43                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.40 | 0.25 |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi MAXIMUM         | 1.88                | 3.02               | 2.12                          | 2.94                          |  |  |  |  |  |  |  |  |  |  |  |  | 1.27  | 1.98 |
| Yi MINIMUM         | -0.22               | -0.30              | -0.14                         | -0.09                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.01 | 0.11 |
| Yi MEAN            | 0.00                | 0.00               | 0.00                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00                | 1.00               | 1.00                          | 1.00                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 8.17                | 0.01               | 0.10                          | 0.01                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.24                | 0.03               | 0.02                          | 0.03                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |

Light Duty Rating Workshop

PART ID = 2-Cycle Combustion Chamber N4

RATED VALUES

|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Garcia Orlando     | 9.02                | 0.00               | 0.02                          | 0.03                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 8.96                | 0.00               | 0.00                          | 0.01                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 9.05                | 0.00               | 0.00                          | 0.02                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 9.02                | 0.00               | 0.01                          | 0.02                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 9.10                | 0.00               | 0.00                          | 0.01                          |  |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 9.00                | 0.50               | 0.05                          | 0.50                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     |                     | 0.00               |                               | 0.04                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 8.90                | 0.00               | 0.01                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 8.85                | 0.50               | 0.02                          | 0.03                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Szynal Stephen     | 8.20                | 0.00               | 0.00                          | 0.02                          |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 9.20                | 0.10               | 0.00                          | 0.02                          |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 9.20                | 0.50               | 0.05                          | 0.50                          |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 8.20                | 0.00               | 0.00                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 1.00                | 0.50               | 0.05                          | 0.50                          |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 8.93                | 0.10               | 0.01                          | 0.06                          |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.27                | 0.20               | 0.02                          | 0.15                          |  |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 88.1%  
yi within 2 92.9%  
yi within 3 97.6%

PART ID = 2-Cycle Combustion Chamber N4

Yi VALUES

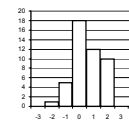
|                    | Average<br>Deposits | % Ring<br>Sticking | % Exhaust<br>Port<br>Plugging | % Piston<br>Skirt<br>Scuffing |  |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|---------------------|--------------------|-------------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
| Garcia Orlando     | 0.33                | -0.50              | 0.56                          | -0.23                         |  |  |  |  |  |  |  |  |  |  |  |  | 0.04  | 0.49 |
| Garrett Thomas     | 0.11                | -0.50              | -0.69                         | -0.37                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.36 | 0.34 |
| Radonich Peter     | 0.44                | -0.50              | -0.69                         | -0.30                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.26 | 0.49 |
| Tschirhart Garland | 0.33                | -0.50              | -0.06                         | -0.30                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.13 | 0.36 |
| Foecking Brian     | 0.62                | -0.50              | -0.69                         | -0.37                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.23 | 0.58 |
| McGill Lloyd       | 0.25                | 2.00               | 2.44                          | 3.01                          |  |  |  |  |  |  |  |  |  |  |  |  | 1.93  | 1.19 |
| Ramirez Robert     |                     | -0.50              |                               | -0.16                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.33 | 0.24 |
| Rodriguez Jesse    | -0.11               | -0.50              | -0.06                         | -0.44                         |  |  |  |  |  |  |  |  |  |  |  |  | -0.28 | 0.22 |
| Seiz Raymond       | -0.29               | 2.00               | 0.56                          | -0.23                         |  |  |  |  |  |  |  |  |  |  |  |  | 0.51  | 1.07 |
| Szynal Stephen     | -2.66               | -0.50              | -0.69                         | -0.30                         |  |  |  |  |  |  |  |  |  |  |  |  | -1.04 | 1.09 |
| Yanchar Paul       | 0.98                | 0.00               | -0.69                         | -0.30                         |  |  |  |  |  |  |  |  |  |  |  |  | 0.00  | 0.71 |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
|                    |                     |                    |                               |                               |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi MAXIMUM         | -2.66               | 2.00               | 2.44                          | 3.01                          |  |  |  |  |  |  |  |  |  |  |  |  | 1.93  | 1.19 |
| Yi MINIMUM         | -0.11               | 0.00               | -0.06                         | -0.16                         |  |  |  |  |  |  |  |  |  |  |  |  | 0.00  | 0.22 |
| Yi MEAN            | 0.00                | 0.00               | 0.00                          | 0.00                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00                | 1.00               | 1.00                          | 1.00                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 8.93                | 0.10               | 0.01                          | 0.06                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.27                | 0.20               | 0.02                          | 0.15                          |  |  |  |  |  |  |  |  |  |  |  |  |       |      |

## Light Duty Rating Workshop

PART ID = Induction/Combustion Calibration Valves C1 &amp; C2

## RATED VALUES

|                    | Valve 1 | Valve 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Anderson Richard   | 4.00    | 7.00    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Castillo George    | 4.30    | 7.20    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Clapsaddle Dale    | 5.40    | 7.90    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deuschle Steven    | 5.10    | 7.20    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dotson Robert      | 5.20    | 7.00    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garcia Orlando     | 4.40    | 6.80    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Garrett Thomas     | 3.00    | 7.00    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kirkpatrick John   | 4.20    | 7.80    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kobrinetz Jack     | 3.50    | 7.10    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lopez Frank        | 3.20    | 7.40    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pansza Mike        | 3.60    | 6.90    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radonich Peter     | 3.70    | 6.70    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tschirhart Garland | 3.00    | 6.30    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adams Patrick      | 3.20    | 7.80    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Avis Steve         | 3.50    | 6.85    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foecking Brian     | 4.60    | 7.00    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lowsky John        | 5.00    | 7.90    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| McGill Lloyd       | 5.80    | 7.10    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ramirez Robert     | 2.80    | 7.60    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rodriguez Jesse    | 5.40    | 7.20    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sanchez Arthur     | 3.00    | 7.00    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seiz Raymond       | 3.50    | 7.50    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yanchar Paul       | 4.30    | 7.20    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                    |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAXIMUM            | 5.80    | 7.90    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MINIMUM            | 2.80    | 6.30    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RANGE (MAX-MIN)    | 3.00    | 1.60    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MEAN               | 4.07    | 7.19    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD                | 0.91    | 0.41    |  |  |  |  |  |  |  |  |  |  |  |  |  |



yi within 1 65.2%  
 yi within 2 97.8%  
 yi within 3 100.0%

PART ID = Induction/Combustion Calibration Valves C1 &amp; C2

## Yi VALUES

|                    | Valve 1 | Valve 2 |  |  |  |  |  |  |  |  |  |  |  |  |  | MEAN  | STD  |
|--------------------|---------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
| Anderson Richard   | -0.08   | -0.48   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.28 | 0.28 |
| Castillo George    | 0.25    | 0.02    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.13  | 0.16 |
| Clapsaddle Dale    | 1.46    | 1.74    |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.60  | 0.20 |
| Deuschle Steven    | 1.13    | 0.02    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.57  | 0.79 |
| Dotson Robert      | 1.24    | -0.48   |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.38  | 1.21 |
| Garcia Orlando     | 0.36    | -0.97   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.30 | 0.94 |
| Garrett Thomas     | -1.18   | -0.48   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.83 | 0.50 |
| Kirkpatrick John   | 0.14    | 1.49    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.81  | 0.96 |
| Kobrinetz Jack     | -0.63   | -0.23   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.43 | 0.28 |
| Lopez Frank        | -0.96   | 0.51    |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.23 | 1.04 |
| Pansza Mike        | -0.52   | -0.72   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.62 | 0.14 |
| Radonich Peter     | -0.41   | -1.21   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.81 | 0.57 |
| Tschirhart Garland | -1.18   | -2.20   |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.69 | 0.72 |
| Adams Patrick      | -0.96   | 1.49    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.26  | 1.73 |
| Avis Steve         | -0.63   | -0.84   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.74 | 0.15 |
| Foecking Brian     | 0.58    | -0.48   |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.05  | 0.75 |
| Lowsky John        | 1.02    | 1.74    |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.38  | 0.51 |
| McGill Lloyd       | 1.90    | -0.23   |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.84  | 1.51 |
| Ramirez Robert     | -1.40   | 1.00    |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.20 | 1.70 |
| Rodriguez Jesse    | 1.46    | 0.02    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.74  | 1.02 |
| Sanchez Arthur     | -1.18   | -0.48   |  |  |  |  |  |  |  |  |  |  |  |  |  | -0.83 | 0.50 |
| Seiz Raymond       | -0.63   | 0.75    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.06  | 0.98 |
| Yanchar Paul       | 0.25    | 0.02    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.13  | 0.16 |
|                    |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi MAXIMUM         | 1.90    | -2.20   |  |  |  |  |  |  |  |  |  |  |  |  |  | -1.69 | 1.73 |
| Yi MINIMUM         | -0.08   | 0.02    |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.05  | 0.14 |
| Yi MEAN            | 0.00    | 0.00    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Yi STD             | 1.00    | 1.00    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings MEAN       | 4.07    | 7.19    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Ratings STD        | 0.91    | 0.41    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |      |





























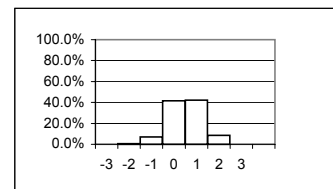




## Light Duty Rating Workshop

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 0.6%    | -1 < yi ≤ 1 | 83.8%  |
| -1   | -2 lt yi le -1 | 11    | 7.1%    | -2 < yi ≤ 2 | 99.4%  |
| 0    | -1 lt yi le 0  | 64    | 41.6%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 65    | 42.2%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 13    | 8.4%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 154   | 100.0%  |             |        |

















**May 2-6, 2004**

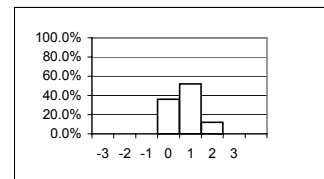
## Light Duty Rating Workshop

**Rater = Adams Patrick**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 88.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 9     | 36.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 13    | 52.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 3     | 12.0%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

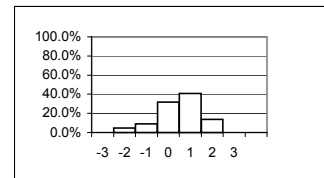
## Light Duty Rating Workshop

**Rater = Anderson Richard**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 4.5%    | -1 < yi ≤ 1 | 72.7%  |
| -1   | -2 lt yi le -1 | 2     | 9.1%    | -2 < yi ≤ 2 | 95.5%  |
| 0    | -1 lt yi le 0  | 7     | 31.8%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 9     | 40.9%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 3     | 13.6%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 22    | 100.0%  |             |        |



**May 2-6, 2004**

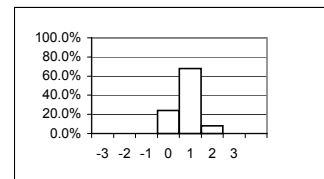
## Light Duty Rating Workshop

**Rater = Barrera Tony**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 92.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 6     | 24.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 17    | 68.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 8.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

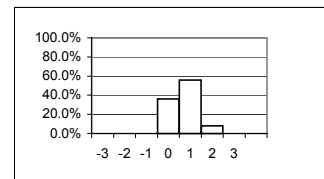
## Light Duty Rating Workshop

**Rater = Caproni David**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 92.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 9     | 36.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 14    | 56.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 8.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



May 2-6, 2004

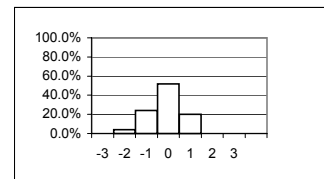
## Light Duty Rating Workshop

**Rater =** Castillo George

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 4.0%    | -1 < yi ≤ 1 | 72.0%  |
| -1   | -2 lt yi le -1 | 6     | 24.0%   | -2 < yi ≤ 2 | 96.0%  |
| 0    | -1 lt yi le 0  | 13    | 52.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 5     | 20.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

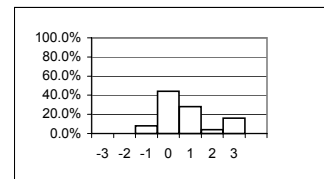
## Light Duty Rating Workshop

**Rater =**                      **Clapsaddle Dale**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 72.0%  |
| -1   | -2 lt yi le -1 | 2     | 8.0%    | -2 < yi ≤ 2 | 84.0%  |
| 0    | -1 lt yi le 0  | 11    | 44.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 7     | 28.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 4.0%    |             |        |
| 3    | 2 lt yi le 3   | 4     | 16.0%   |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



May 2-6, 2004

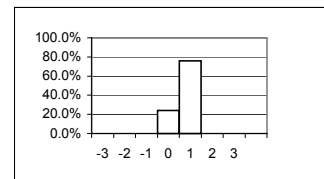
## Light Duty Rating Workshop

**Rater =** **Foecking Brian**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 6     | 24.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 19    | 76.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

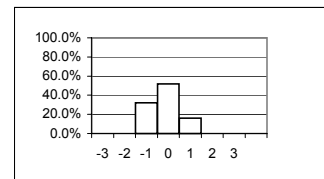
## Light Duty Rating Workshop

**Rater =** **Garcia Orlando**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 68.0%  |
| -1   | -2 lt yi le -1 | 8     | 32.0%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 13    | 52.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 4     | 16.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

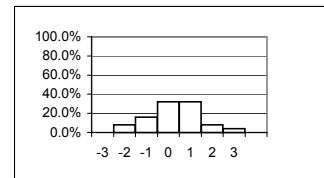
## Light Duty Rating Workshop

**Rater =** Kirkpatrick John

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 2     | 8.0%    | -1 < yi ≤ 1 | 64.0%  |
| -1   | -2 lt yi le -1 | 4     | 16.0%   | -2 < yi ≤ 2 | 88.0%  |
| 0    | -1 lt yi le 0  | 8     | 32.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 8     | 32.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 8.0%    |             |        |
| 3    | 2 lt yi le 3   | 1     | 4.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

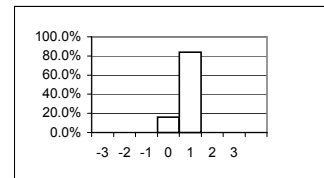
## Light Duty Rating Workshop

**Rater = Kobrinetz Jack**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 4     | 16.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 21    | 84.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

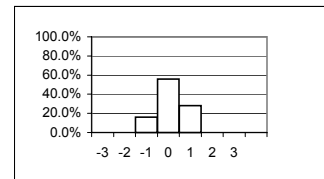
## Light Duty Rating Workshop

Rater = Lopez Frank

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 84.0%  |
| -1   | -2 lt yi le -1 | 4     | 16.0%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 14    | 56.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 7     | 28.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

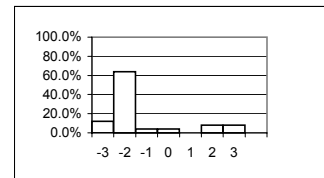
## Light Duty Rating Workshop

Rater = Lowsky John

## Yi VALUES

[illegible]

| bins |                | count | percent |             |       |
|------|----------------|-------|---------|-------------|-------|
| -3   | yi le -3       | 3     | 12.0%   |             |       |
| -2   | -3 lt yi le -2 | 16    | 64.0%   | -1 < yi ≤ 1 | 4.0%  |
| -1   | -2 lt yi le -1 | 1     | 4.0%    | -2 < yi ≤ 2 | 16.0% |
| 0    | -1 lt yi le 0  | 1     | 4.0%    | -3 < yi ≤ 3 | 88.0% |
| 1    | 0 lt yi le 1   | 0     | 0.0%    | >3          | 12.0% |
| 2    | 1 lt yi le 2   | 2     | 8.0%    |             |       |
| 3    | 2 lt yi le 3   | 2     | 8.0%    |             |       |
|      | 3 lt yi        | 0     | 0.0%    |             |       |
|      | total          | 25    | 100.0%  |             |       |



May 2-6, 2004

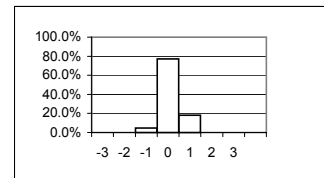
## Light Duty Rating Workshop

**Rater = Pansza Mike**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 95.5%  |
| -1   | -2 lt yi le -1 | 1     | 4.5%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 17    | 77.3%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 4     | 18.2%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 22    | 100.0%  |             |        |



May 2-6, 2004

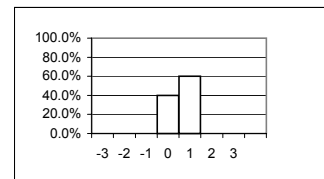
## Light Duty Rating Workshop

**Rater = Radonich Peter**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 10    | 40.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 15    | 60.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

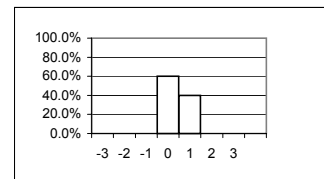
## Light Duty Rating Workshop

**Rater =** **Ramirez Robert**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 15    | 60.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 10    | 40.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

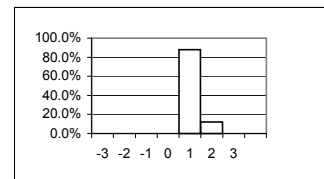
## Light Duty Rating Workshop

Rater = Rodriguez Jesse

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 88.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 0     | 0.0%    | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 22    | 88.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 3     | 12.0%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

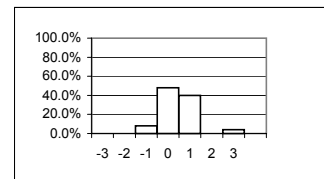
## Light Duty Rating Workshop

**Rater = Sanchez Arthur**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 88.0%  |
| -1   | -2 lt yi le -1 | 2     | 8.0%    | -2 < yi ≤ 2 | 96.0%  |
| 0    | -1 lt yi le 0  | 12    | 48.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 10    | 40.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 1     | 4.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

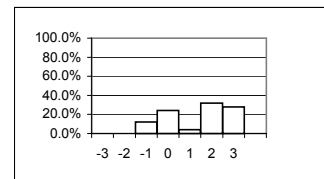
## Light Duty Rating Workshop

**Rater = Seiz Raymond**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 28.0%  |
| -1   | -2 lt yi le -1 | 3     | 12.0%   | -2 < yi ≤ 2 | 72.0%  |
| 0    | -1 lt yi le 0  | 6     | 24.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 1     | 4.0%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 8     | 32.0%   |             |        |
| 3    | 2 lt yi le 3   | 7     | 28.0%   |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

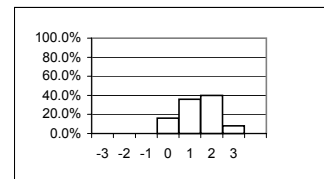
## Light Duty Rating Workshop

**Rater =** Tschirhart Garland

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 52.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 92.0%  |
| 0    | -1 lt yi le 0  | 4     | 16.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 9     | 36.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 10    | 40.0%   |             |        |
| 3    | 2 lt yi le 3   | 2     | 8.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



May 2-6, 2004

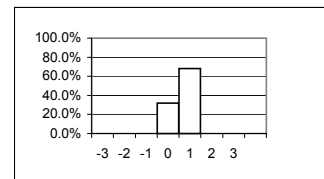
## Light Duty Rating Workshop

Rater = Viera Ralph

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 8     | 32.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 17    | 68.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



May 2-6, 2004

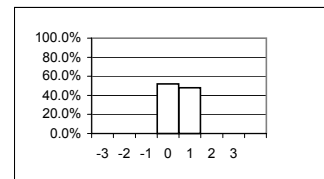
## Light Duty Rating Workshop

**Rater = Yanchar Paul**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 13    | 52.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 12    | 48.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 25    | 100.0%  |             |        |



**May 2-6, 2004**

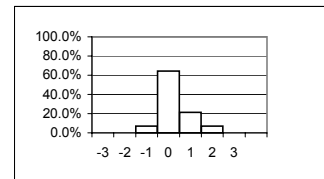
## Light Duty Rating Workshop

**Rater = Adams Patrick**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 85.7%  |
| -1   | -2 lt yi le -1 | 1     | 7.1%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 9     | 64.3%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 3     | 21.4%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 7.1%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



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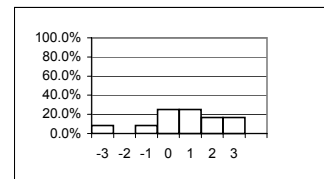
## Light Duty Rating Workshop

**Rater = Anderson Richard**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |       |
|------|----------------|-------|---------|-------------|-------|
| -3   | yi le -3       | 1     | 8.3%    |             |       |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 50.0% |
| -1   | -2 lt yi le -1 | 1     | 8.3%    | -2 < yi ≤ 2 | 75.0% |
| 0    | -1 lt yi le 0  | 3     | 25.0%   | -3 < yi ≤ 3 | 91.7% |
| 1    | 0 lt yi le 1   | 3     | 25.0%   | >3          | 8.3%  |
| 2    | 1 lt yi le 2   | 2     | 16.7%   |             |       |
| 3    | 2 lt yi le 3   | 2     | 16.7%   |             |       |
|      | 3 lt yi        | 0     | 0.0%    |             |       |
|      | total          | 12    | 100.0%  |             |       |



**May 2-6, 2004**

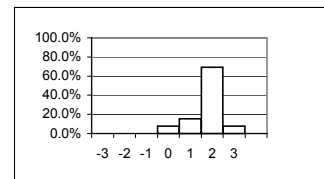
## Light Duty Rating Workshop

**Rater = Barrera Tony**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 23.1%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 92.3%  |
| 0    | -1 lt yi le 0  | 1     | 7.7%    | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 2     | 15.4%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 9     | 69.2%   |             |        |
| 3    | 2 lt yi le 3   | 1     | 7.7%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 13    | 100.0%  |             |        |



May 2-6, 2004

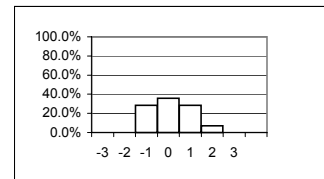
## Light Duty Rating Workshop

**Rater = Caproni David**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 64.3%  |
| -1   | -2 lt yi le -1 | 4     | 28.6%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 5     | 35.7%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 4     | 28.6%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 7.1%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



May 2-6, 2004

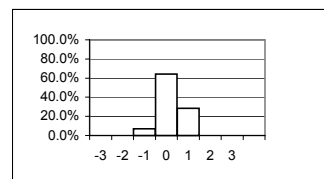
## Light Duty Rating Workshop

**Rater =** Castillo George

### Yi VALUES

[illegible]

| bins | count          | percent |        |                    |
|------|----------------|---------|--------|--------------------|
| -3   | yi le -3       | 0       | 0.0%   |                    |
| -2   | -3 lt yi le -2 | 0       | 0.0%   | -1 < yi ≤ 1 92.9%  |
| -1   | -2 lt yi le -1 | 1       | 7.1%   | -2 < yi ≤ 2 100.0% |
| 0    | -1 lt yi le 0  | 9       | 64.3%  | -3 < yi ≤ 3 100.0% |
| 1    | 0 lt yi le 1   | 4       | 28.6%  | >3 0.0%            |
| 2    | 1 lt yi le 2   | 0       | 0.0%   |                    |
| 3    | 2 lt yi le 3   | 0       | 0.0%   |                    |
|      | 3 lt yi        | 0       | 0.0%   |                    |
|      | total          | 14      | 100.0% |                    |



May 2-6, 2004

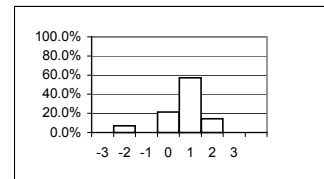
## Light Duty Rating Workshop

**Rater =**                      **Clapsaddle Dale**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 7.1%    | -1 < yi ≤ 1 | 78.6%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 92.9%  |
| 0    | -1 lt yi le 0  | 3     | 21.4%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 8     | 57.1%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 14.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



**May 2-6, 2004**

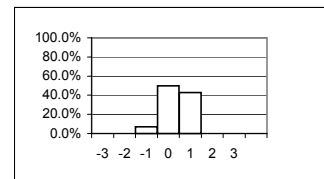
## Light Duty Rating Workshop

**Rater =** Foecking Brian

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 92.9%  |
| -1   | -2 lt yi le -1 | 1     | 7.1%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 7     | 50.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 6     | 42.9%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



**May 2-6, 2004**

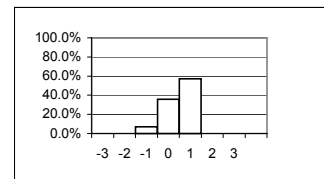
## Light Duty Rating Workshop

**Rater =** **Garcia Orlando**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 92.9%  |
| -1   | -2 lt yi le -1 | 1     | 7.1%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 5     | 35.7%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 8     | 57.1%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



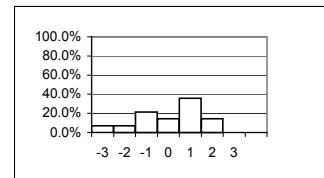
**May 2-6, 2004**

## Light Duty Rating Workshop

**Rater =** Kirkpatrick John

### Yi VALUES

| bins |                | count | percent |             |       |
|------|----------------|-------|---------|-------------|-------|
| -3   | yi le -3       | 1     | 7.1%    |             |       |
| -2   | -3 lt yi le -2 | 1     | 7.1%    | -1 < yi ≤ 1 | 50.0% |
| -1   | -2 lt yi le -1 | 3     | 21.4%   | -2 < yi ≤ 2 | 85.7% |
| 0    | -1 lt yi le 0  | 2     | 14.3%   | -3 < yi ≤ 3 | 92.9% |
| 1    | 0 lt yi le 1   | 5     | 35.7%   | >3          | 7.1%  |
| 2    | 1 lt yi le 2   | 2     | 14.3%   |             |       |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |       |
|      | 3 lt yi        | 0     | 0.0%    |             |       |
|      | total          | 14    | 100.0%  |             |       |



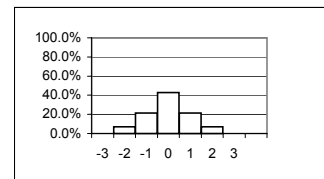
**May 2-6, 2004**

## Light Duty Rating Workshop

**Rater = Kobrinetz Jack**

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 7.1%    | -1 < yi ≤ 1 | 64.3%  |
| -1   | -2 lt yi le -1 | 3     | 21.4%   | -2 < yi ≤ 2 | 92.9%  |
| 0    | -1 lt yi le 0  | 6     | 42.9%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 3     | 21.4%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 7.1%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



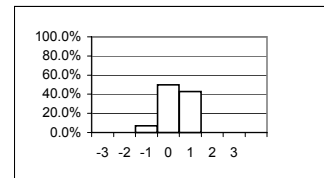
**May 2-6, 2004**

## Light Duty Rating Workshop

Rater = Lopez Frank

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 92.9%  |
| -1   | -2 lt yi le -1 | 1     | 7.1%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 7     | 50.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 6     | 42.9%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



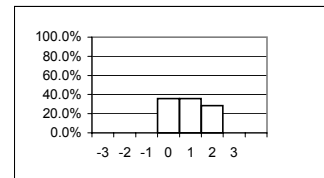
**May 2-6, 2004**

## Light Duty Rating Workshop

Rater = Lowsky John

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 71.4%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 5     | 35.7%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 5     | 35.7%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 4     | 28.6%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



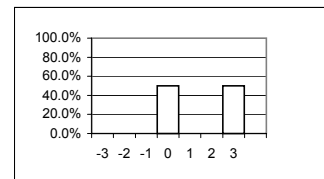
**January 18, 1900**

## Light Duty Rating Workshop

Rater = McGill Lloyd

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 50.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 50.0%  |
| 0    | -1 lt yi le 0  | 1     | 50.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 0     | 0.0%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 1     | 50.0%   |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



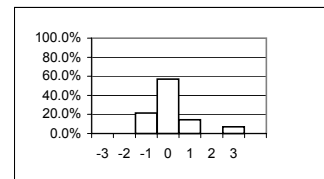
May 2-6, 2004

## Light Duty Rating Workshop

**Rater = Pansza Mike**

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 71.4%  |
| -1   | -2 lt yi le -1 | 3     | 21.4%   | -2 < yi ≤ 2 | 92.9%  |
| 0    | -1 lt yi le 0  | 8     | 57.1%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 2     | 14.3%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 1     | 7.1%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |

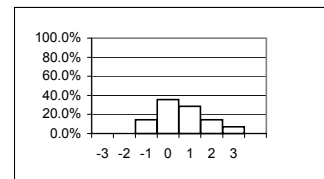


**May 2-6, 2004**

## Light Duty Rating Workshop

**Rater = Radonich Peter**

### Yi VALUES



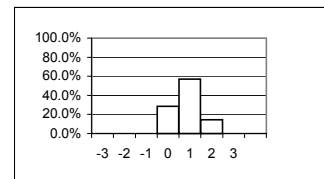
May 2-6, 2004

## Light Duty Rating Workshop

**Rater =**                      **Ramirez Robert**

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 85.7%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 4     | 28.6%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 8     | 57.1%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 14.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |



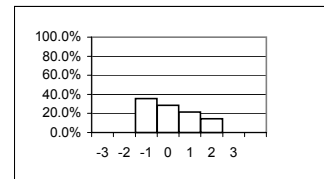
May 2-6, 2004

## Light Duty Rating Workshop

**Rater = Rodriguez Jesse**

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 50.0%  |
| -1   | -2 lt yi le -1 | 5     | 35.7%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 4     | 28.6%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 3     | 21.4%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 14.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 14    | 100.0%  |             |        |

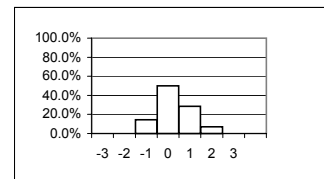


May 2-6, 2004

## Light Duty Rating Workshop

**Rater = Sanchez Arthur**

### Yi VALUES

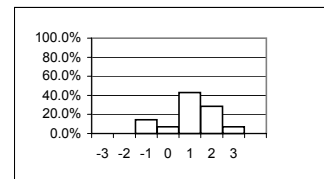


May 2-6, 2004

## Light Duty Rating Workshop

**Rater =** Seiz Raymond

### Yi VALUES

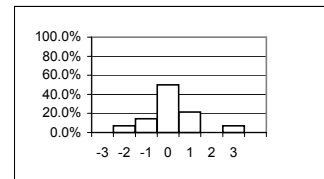


May 2-6, 2004

## Light Duty Rating Workshop

**Rater =** Tschirhart Garland

### Yi VALUES

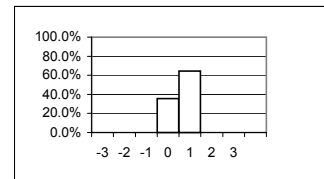


May 2-6, 2004

## Light Duty Rating Workshop

Rater = Viera Ralph

### Yi VALUES

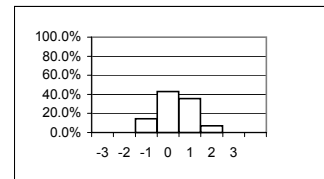


May 2-6, 2004

## Light Duty Rating Workshop

**Rater = Yanchar Paul**

### Yi VALUES

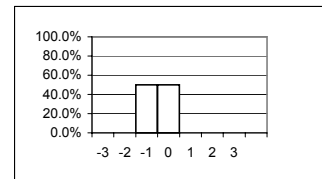


May 2-6, 2004

## Light Duty Rating Workshop

**Rater = Adams Patrick**

### Yi VALUES

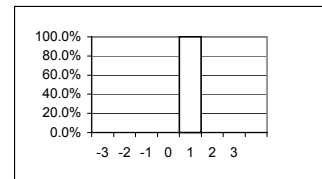


May 2-6, 2004

## Light Duty Rating Workshop

**Rater =** Anderson Richard

### Yi VALUES

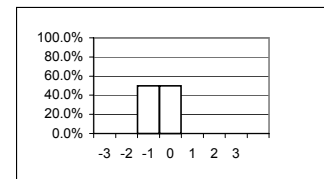


May 2-6, 2004

## Light Duty Rating Workshop

Rater = **Avis Steve**

### Yi VALUES

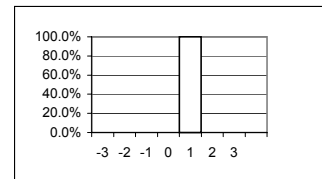


May 2-6, 2004

## Light Duty Rating Workshop

**Rater =** Castillo George

### Yi VALUES



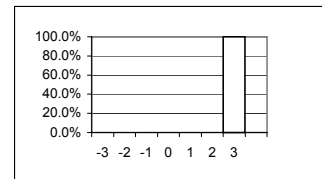
May 2-6, 2004

## Light Duty Rating Workshop

**Rater =**

## Clapsaddle Dale

### Yi VALUES

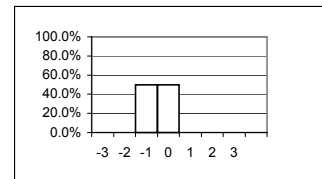


May 2-6, 2004

## Light Duty Rating Workshop

Rater = Deuschle Steven

### Yi VALUES

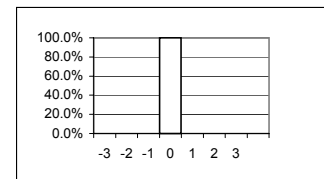


May 2-6, 2004

## Light Duty Rating Workshop

**Rater =** **Dotson Robert**

### Yi VALUES



May 2-6, 2004

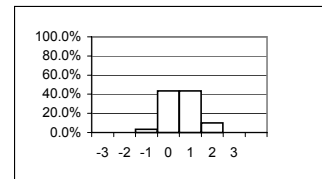
## Light Duty Rating Workshop

**Rater =** **Foecking Brian**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 86.7%  |
| -1   | -2 lt yi le -1 | 1     | 3.3%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 13    | 43.3%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 13    | 43.3%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 3     | 10.0%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



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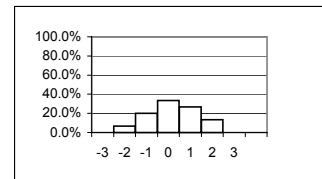
## Light Duty Rating Workshop

**Rater =** **Garcia Orlando**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 2     | 6.7%    | -1 < yi ≤ 1 | 60.0%  |
| -1   | -2 lt yi le -1 | 6     | 20.0%   | -2 < yi ≤ 2 | 93.3%  |
| 0    | -1 lt yi le 0  | 10    | 33.3%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 8     | 26.7%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 4     | 13.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



May 2-6, 2004

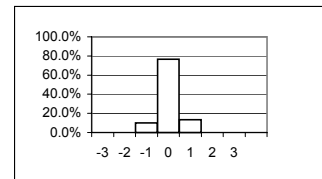
## Light Duty Rating Workshop

**Rater =** **Garrett Thomas**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 90.0%  |
| -1   | -2 lt yi le -1 | 3     | 10.0%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 23    | 76.7%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 4     | 13.3%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



May 2-6, 2004

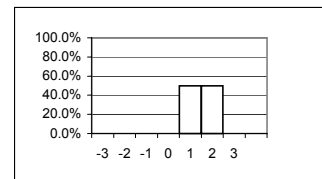
## Light Duty Rating Workshop

Rater = Kirkpatrick John

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 50.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 0     | 0.0%    | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 1     | 50.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 50.0%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



May 2-6, 2004

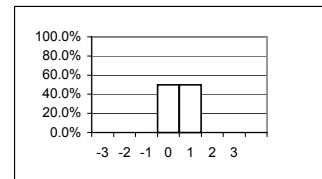
## Light Duty Rating Workshop

**Rater =** Kobrinetz Jack

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 1     | 50.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 1     | 50.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



May 2-6, 2004

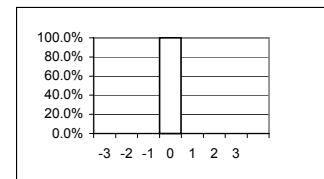
## Light Duty Rating Workshop

Rater = Lopez Frank

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 2     | 100.0%  | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 0     | 0.0%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



May 2-6, 2004

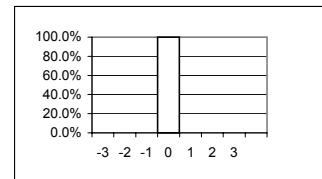
## Light Duty Rating Workshop

Rater = Lowsky John

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 2     | 100.0%  | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 0     | 0.0%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



January 18, 1900

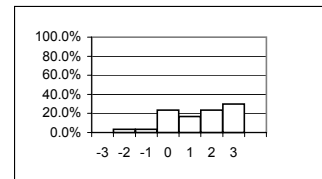
## Light Duty Rating Workshop

**Rater =** McGill Lloyd

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 3.3%    | -1 < yi ≤ 1 | 40.0%  |
| -1   | -2 lt yi le -1 | 1     | 3.3%    | -2 < yi ≤ 2 | 66.7%  |
| 0    | -1 lt yi le 0  | 7     | 23.3%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 5     | 16.7%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 7     | 23.3%   |             |        |
| 3    | 2 lt yi le 3   | 9     | 30.0%   |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



May 2-6, 2004

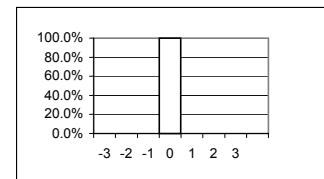
## Light Duty Rating Workshop

**Rater = Pansza Mike**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 100.0% |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 2     | 100.0%  | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 0     | 0.0%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



May 2-6, 2004

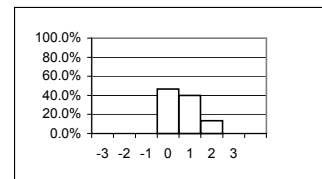
## Light Duty Rating Workshop

**Rater = Radonich Peter**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 86.7%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 14    | 46.7%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 12    | 40.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 4     | 13.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



May 2-6, 2004

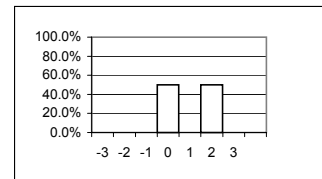
## Light Duty Rating Workshop

**Rater =** **Ramirez Robert**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 50.0%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 1     | 50.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 0     | 0.0%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 50.0%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



May 2-6, 2004

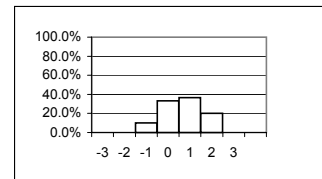
## Light Duty Rating Workshop

Rater = Rodriguez Jesse

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 70.0%  |
| -1   | -2 lt yi le -1 | 3     | 10.0%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 10    | 33.3%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 11    | 36.7%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 6     | 20.0%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



May 2-6, 2004

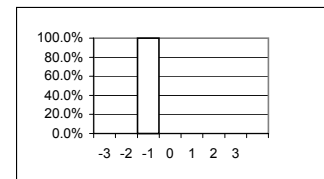
## Light Duty Rating Workshop

**Rater = Sanchez Arthur**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 0.0%   |
| -1   | -2 lt yi le -1 | 2     | 100.0%  | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 0     | 0.0%    | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 0     | 0.0%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 2     | 100.0%  |             |        |



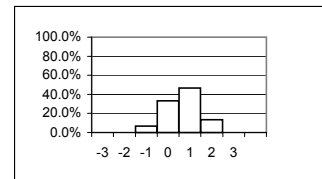
May 2-6, 2004

## Light Duty Rating Workshop

**Rater =** Seiz Raymond

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 80.0%  |
| -1   | -2 lt yi le -1 | 2     | 6.7%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 10    | 33.3%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 14    | 46.7%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 4     | 13.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



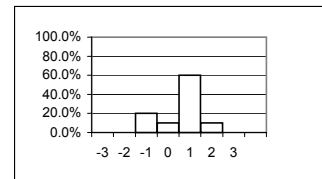
May 2-6, 2004

## Light Duty Rating Workshop

**Rater =** Tschirhart Garland

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 70.0%  |
| -1   | -2 lt yi le -1 | 6     | 20.0%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 3     | 10.0%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 18    | 60.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 3     | 10.0%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



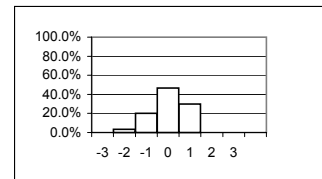
May 2-6, 2004

## Light Duty Rating Workshop

**Rater = Yanchar Paul**

### Yi VALUES

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 3.3%    | -1 < yi ≤ 1 | 76.7%  |
| -1   | -2 lt yi le -1 | 6     | 20.0%   | -2 < yi ≤ 2 | 96.7%  |
| 0    | -1 lt yi le 0  | 14    | 46.7%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 9     | 30.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 30    | 100.0%  |             |        |



May 2-6, 2004

## Light Duty Rating Workshop

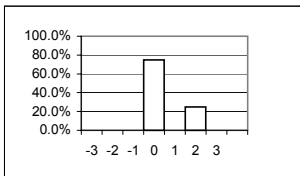
**Rater =** Castillo George

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 3     | 75.0%   |
| 1    | 0 lt yi le 1   | 0     | 0.0%    |
| 2    | 1 lt yi le 2   | 1     | 25.0%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 4     | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 75.0%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



May 2-6, 2004

## Light Duty Rating Workshop

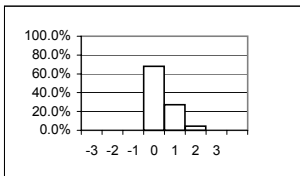
**Rater =** Foecking Brian

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 15    | 68.2%   |
| 1    | 0 lt yi le 1   | 6     | 27.3%   |
| 2    | 1 lt yi le 2   | 1     | 4.5%    |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 22    | 100.0%  |

|             |        |
|-------------|--------|
| -1 < yi ≤ 1 | 95.5%  |
| -2 < yi ≤ 2 | 100.0% |
| -3 < yi ≤ 3 | 100.0% |
| >3          | 0.0%   |



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## Light Duty Rating Workshop

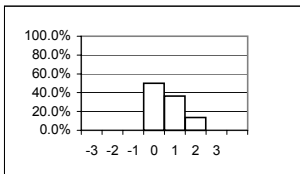
**Rater =** **Garcia Orlando**

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 11    | 50.0%   |
| 1    | 0 lt yi le 1   | 8     | 36.4%   |
| 2    | 1 lt yi le 2   | 3     | 13.6%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 22    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 86.4%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



May 2-6, 2004

## Light Duty Rating Workshop

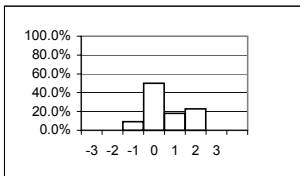
**Rater =** **Garrett Thomas**

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 2     | 9.1%    |
| 0    | -1 lt yi le 0  | 11    | 50.0%   |
| 1    | 0 lt yi le 1   | 4     | 18.2%   |
| 2    | 1 lt yi le 2   | 5     | 22.7%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 22    | 100.0%  |

|             |        |
|-------------|--------|
| -1 < yi ≤ 1 | 68.2%  |
| -2 < yi ≤ 2 | 100.0% |
| -3 < yi ≤ 3 | 100.0% |
| >3          | 0.0%   |



January 18, 1900

## Light Duty Rating Workshop

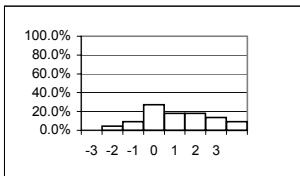
Rater = McGill Lloyd

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 1     | 4.5%    |
| -1   | -2 lt yi le -1 | 2     | 9.1%    |
| 0    | -1 lt yi le 0  | 6     | 27.3%   |
| 1    | 0 lt yi le 1   | 4     | 18.2%   |
| 2    | 1 lt yi le 2   | 4     | 18.2%   |
| 3    | 2 lt yi le 3   | 3     | 13.6%   |
|      | 3 lt yi        | 2     | 9.1%    |
|      | total          | 22    | 100.0%  |

|                         |       |
|-------------------------|-------|
| -1 < y <sub>i</sub> ≤ 1 | 45.5% |
| -2 < y <sub>i</sub> ≤ 2 | 72.7% |
| -3 < y <sub>i</sub> ≤ 3 | 90.9% |
| >3                      | 9.1%  |



May 2-6, 2004

## Light Duty Rating Workshop

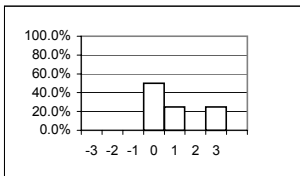
Rater = Pansza Mike

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 2     | 50.0%   |
| 1    | 0 lt yi le 1   | 1     | 25.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |
| 3    | 2 lt yi le 3   | 1     | 25.0%   |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 4     | 100.0%  |

|             |        |
|-------------|--------|
| -1 < yi ≤ 1 | 75.0%  |
| -2 < yi ≤ 2 | 75.0%  |
| -3 < yi ≤ 3 | 100.0% |
| >3          | 0.0%   |



May 2-6, 2004

## Light Duty Rating Workshop

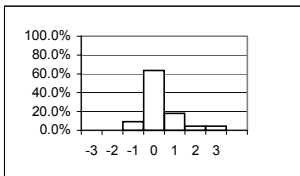
**Rater = Radonich Peter**

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 2     | 9.1%    |
| 0    | -1 lt yi le 0  | 14    | 63.6%   |
| 1    | 0 lt yi le 1   | 4     | 18.2%   |
| 2    | 1 lt yi le 2   | 1     | 4.5%    |
| 3    | 2 lt yi le 3   | 1     | 4.5%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 22    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 81.8%  |
| -2 < y <sub>i</sub> ≤ 2 | 95.5%  |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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## Light Duty Rating Workshop

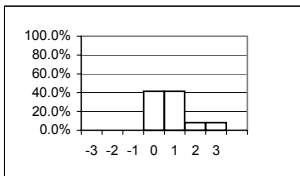
**Rater =** **Ramirez Robert**

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 5     | 41.7%   |
| 1    | 0 lt yi le 1   | 5     | 41.7%   |
| 2    | 1 lt yi le 2   | 1     | 8.3%    |
| 3    | 2 lt yi le 3   | 1     | 8.3%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 12    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 83.3%  |
| -2 < y <sub>i</sub> ≤ 2 | 91.7%  |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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## Light Duty Rating Workshop

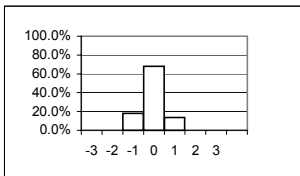
Rater = Rodriguez Jesse

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 4     | 18.2%   |
| 0    | -1 lt yi le 0  | 15    | 68.2%   |
| 1    | 0 lt yi le 1   | 3     | 13.6%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 22    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 81.8%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |





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## Light Duty Rating Workshop

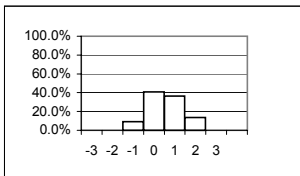
**Rater =** Tschirhart Garland

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 2     | 9.1%    |
| 0    | -1 lt yi le 0  | 9     | 40.9%   |
| 1    | 0 lt yi le 1   | 8     | 36.4%   |
| 2    | 1 lt yi le 2   | 3     | 13.6%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 22    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 77.3%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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## Light Duty Rating Workshop

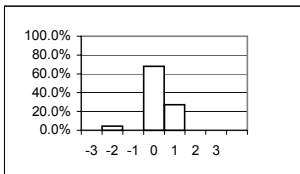
**Rater = Yanchar Paul**

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 1     | 4.5%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 15    | 68.2%   |
| 1    | 0 lt yi le 1   | 6     | 27.3%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 22    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 95.5%  |
| -2 < y <sub>i</sub> ≤ 2 | 95.5%  |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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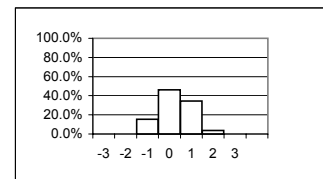
## Light Duty Rating Workshop

**Rater = Adams Patrick**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 80.8%  |
| -1   | -2 lt yi le -1 | 4     | 15.4%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 12    | 46.2%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 9     | 34.6%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 3.8%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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## Light Duty Rating Workshop

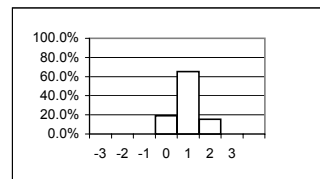
**Rater =                      Anderson Richard**

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 5     | 19.2%   |
| 1    | 0 lt yi le 1   | 17    | 65.4%   |
| 2    | 1 lt yi le 2   | 4     | 15.4%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 84.6%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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## Light Duty Rating Workshop

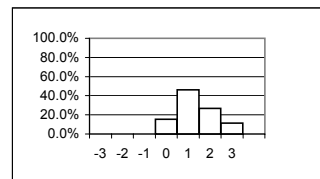
Rater =                      Avis Steve

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 4     | 15.4%   |
| 1    | 0 lt yi le 1   | 12    | 46.2%   |
| 2    | 1 lt yi le 2   | 7     | 26.9%   |
| 3    | 2 lt yi le 3   | 3     | 11.5%   |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 61.5%  |
| -2 < y <sub>i</sub> ≤ 2 | 88.5%  |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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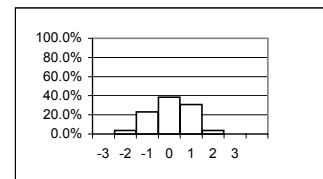
## Light Duty Rating Workshop

**Rater =** Castillo George

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 3.8%    | -1 < yi ≤ 1 | 69.2%  |
| -1   | -2 lt yi le -1 | 6     | 23.1%   | -2 < yi ≤ 2 | 96.2%  |
| 0    | -1 lt yi le 0  | 10    | 38.5%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 8     | 30.8%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 3.8%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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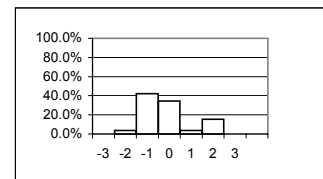
## Light Duty Rating Workshop

**Rater =**                      **Clapsaddle Dale**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 3.8%    | -1 < yi ≤ 1 | 38.5%  |
| -1   | -2 lt yi le -1 | 11    | 42.3%   | -2 < yi ≤ 2 | 96.2%  |
| 0    | -1 lt yi le 0  | 9     | 34.6%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 1     | 3.8%    | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 4     | 15.4%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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## Light Duty Rating Workshop

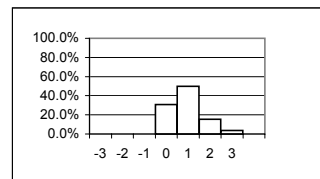
Rater =                      Deutschle Steven

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 8     | 30.8%   |
| 1    | 0 lt yi le 1   | 13    | 50.0%   |
| 2    | 1 lt yi le 2   | 4     | 15.4%   |
| 3    | 2 lt yi le 3   | 1     | 3.8%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 80.8%  |
| -2 < y <sub>i</sub> ≤ 2 | 96.2%  |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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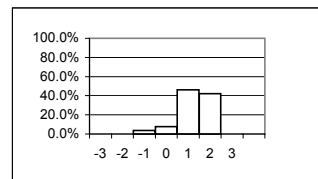
## Light Duty Rating Workshop

**Rater =** **Dotson Robert**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 53.8%  |
| -1   | -2 lt yi le -1 | 1     | 3.8%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 2     | 7.7%    | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 12    | 46.2%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 11    | 42.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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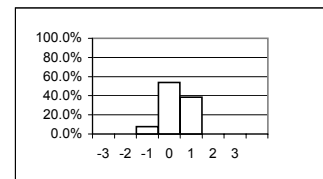
## Light Duty Rating Workshop

**Rater =** **Foecking Brian**

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 92.3%  |
| -1   | -2 lt yi le -1 | 2     | 7.7%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 14    | 53.8%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 10    | 38.5%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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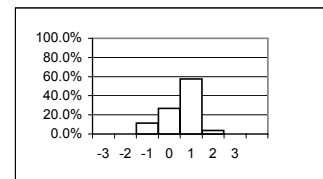
## Light Duty Rating Workshop

**Rater =** **Garcia Orlando**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 84.6%  |
| -1   | -2 lt yi le -1 | 3     | 11.5%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 7     | 26.9%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 15    | 57.7%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 3.8%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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## Light Duty Rating Workshop

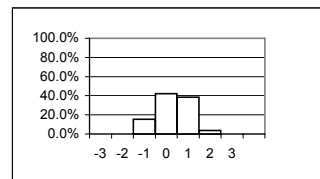
**Rater =** **Garrett Thomas**

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 4     | 15.4%   |
| 0    | -1 lt yi le 0  | 11    | 42.3%   |
| 1    | 0 lt yi le 1   | 10    | 38.5%   |
| 2    | 1 lt yi le 2   | 1     | 3.8%    |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 80.8%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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## Light Duty Rating Workshop

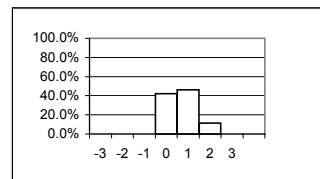
**Rater =** Kirkpatrick John

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 0     | 0.0%    |
| 0    | -1 lt yi le 0  | 11    | 42.3%   |
| 1    | 0 lt yi le 1   | 12    | 46.2%   |
| 2    | 1 lt yi le 2   | 3     | 11.5%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 88.5%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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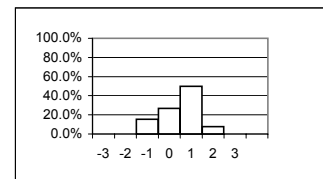
## Light Duty Rating Workshop

**Rater = Kobrinetz Jack**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 76.9%  |
| -1   | -2 lt yi le -1 | 4     | 15.4%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 7     | 26.9%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 13    | 50.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 7.7%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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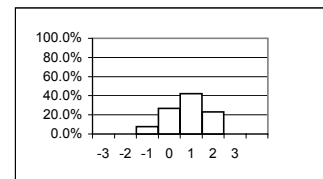
## Light Duty Rating Workshop

Rater = Lopez Frank

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 69.2%  |
| -1   | -2 lt yi le -1 | 2     | 7.7%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 7     | 26.9%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 11    | 42.3%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 6     | 23.1%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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## Light Duty Rating Workshop

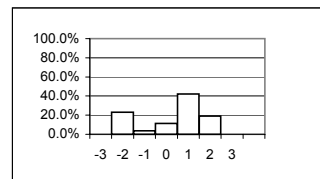
Rater = Lowsky John

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 6     | 23.1%   |
| -1   | -2 lt yi le -1 | 1     | 3.8%    |
| 0    | -1 lt yi le 0  | 3     | 11.5%   |
| 1    | 0 lt yi le 1   | 11    | 42.3%   |
| 2    | 1 lt yi le 2   | 5     | 19.2%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 53.8%  |
| -2 < y <sub>i</sub> ≤ 2 | 76.9%  |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



January 18, 1900

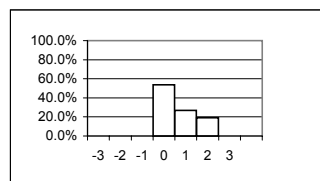
## Light Duty Rating Workshop

**Rater =** McGill Lloyd

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 80.8%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 14    | 53.8%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 7     | 26.9%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 5     | 19.2%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



May 2-6, 2004

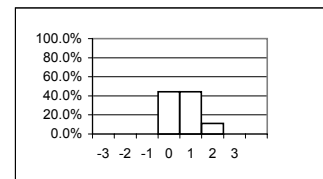
## Light Duty Rating Workshop

**Rater =** Pansza Mike

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 88.9%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 8     | 44.4%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 8     | 44.4%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 2     | 11.1%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 18    | 100.0%  |             |        |



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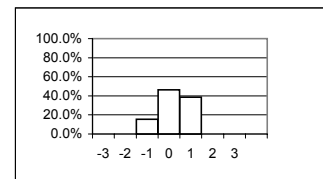
## Light Duty Rating Workshop

**Rater = Radonich Peter**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 84.6%  |
| -1   | -2 lt yi le -1 | 4     | 15.4%   | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 12    | 46.2%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 10    | 38.5%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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## Light Duty Rating Workshop

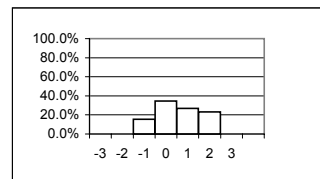
**Rater =** **Ramirez Robert**

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 4     | 15.4%   |
| 0    | -1 lt yi le 0  | 9     | 34.6%   |
| 1    | 0 lt yi le 1   | 7     | 26.9%   |
| 2    | 1 lt yi le 2   | 6     | 23.1%   |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|             |        |
|-------------|--------|
| -1 < yi ≤ 1 | 61.5%  |
| -2 < yi ≤ 2 | 100.0% |
| -3 < yi ≤ 3 | 100.0% |
| >3          | 0.0%   |



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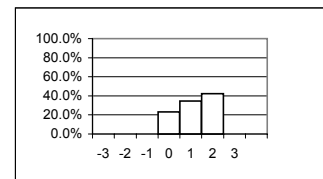
## Light Duty Rating Workshop

Rater = Rodriguez Jesse

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 0     | 0.0%    | -1 < yi ≤ 1 | 57.7%  |
| -1   | -2 lt yi le -1 | 0     | 0.0%    | -2 < yi ≤ 2 | 100.0% |
| 0    | -1 lt yi le 0  | 6     | 23.1%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 9     | 34.6%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 11    | 42.3%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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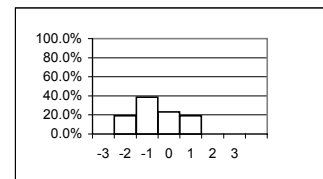
## Light Duty Rating Workshop

**Rater = Sanchez Arthur**

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 5     | 19.2%   | -1 < yi ≤ 1 | 42.3%  |
| -1   | -2 lt yi le -1 | 10    | 38.5%   | -2 < yi ≤ 2 | 80.8%  |
| 0    | -1 lt yi le 0  | 6     | 23.1%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 5     | 19.2%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 0     | 0.0%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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## Light Duty Rating Workshop

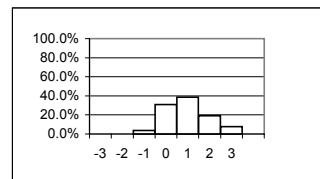
**Rater = Seiz Raymond**

## Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 1     | 3.8%    |
| 0    | -1 lt yi le 0  | 8     | 30.8%   |
| 1    | 0 lt yi le 1   | 10    | 38.5%   |
| 2    | 1 lt yi le 2   | 5     | 19.2%   |
| 3    | 2 lt yi le 3   | 2     | 7.7%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 69.2%  |
| -2 < y <sub>i</sub> ≤ 2 | 92.3%  |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |



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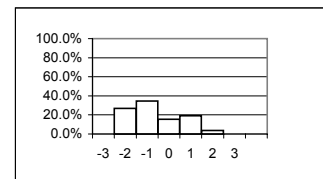
## Light Duty Rating Workshop

**Rater =** Tschirhart Garland

### Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 7     | 26.9%   | -1 < yi ≤ 1 | 34.6%  |
| -1   | -2 lt yi le -1 | 9     | 34.6%   | -2 < yi ≤ 2 | 73.1%  |
| 0    | -1 lt yi le 0  | 4     | 15.4%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 5     | 19.2%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 1     | 3.8%    |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 26    | 100.0%  |             |        |



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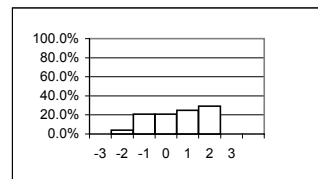
## Light Duty Rating Workshop

Rater = Viera Ralph

## Yi VALUES

[illegible]

| bins |                | count | percent |             |        |
|------|----------------|-------|---------|-------------|--------|
| -3   | yi le -3       | 0     | 0.0%    |             |        |
| -2   | -3 lt yi le -2 | 1     | 4.2%    | -1 < yi ≤ 1 | 45.8%  |
| -1   | -2 lt yi le -1 | 5     | 20.8%   | -2 < yi ≤ 2 | 95.8%  |
| 0    | -1 lt yi le 0  | 5     | 20.8%   | -3 < yi ≤ 3 | 100.0% |
| 1    | 0 lt yi le 1   | 6     | 25.0%   | >3          | 0.0%   |
| 2    | 1 lt yi le 2   | 7     | 29.2%   |             |        |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |             |        |
|      | 3 lt yi        | 0     | 0.0%    |             |        |
|      | total          | 24    | 100.0%  |             |        |



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## Light Duty Rating Workshop

**Rater =** Yanchar Paul

### Yi VALUES

[illegible]

| bins |                | count | percent |
|------|----------------|-------|---------|
| -3   | yi le -3       | 0     | 0.0%    |
| -2   | -3 lt yi le -2 | 0     | 0.0%    |
| -1   | -2 lt yi le -1 | 3     | 11.5%   |
| 0    | -1 lt yi le 0  | 15    | 57.7%   |
| 1    | 0 lt yi le 1   | 7     | 26.9%   |
| 2    | 1 lt yi le 2   | 1     | 3.8%    |
| 3    | 2 lt yi le 3   | 0     | 0.0%    |
|      | 3 lt yi        | 0     | 0.0%    |
|      | total          | 26    | 100.0%  |

|                         |        |
|-------------------------|--------|
| -1 < y <sub>i</sub> ≤ 1 | 84.6%  |
| -2 < y <sub>i</sub> ≤ 2 | 100.0% |
| -3 < y <sub>i</sub> ≤ 3 | 100.0% |
| >3                      | 0.0%   |

