

An Initial Look at Equivalency Limits in a Sequence IIF Test

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Caveats

- 1. Data presented today is only one analysis done by one statistician, this is not a consensus position.**
- 2. Using only one oil, RO1006, which was considered borderline in the IIIE.**
- 3. This oil is a 5W-30.**
- 4. Other data is being gathered but has not been presented prior to today.**
- 5. Severity Adjustments will need to be developed if this concept is considered.**

Equivalency Limits in a Sequence IIIF Test

Using RO1006 data set from TMC for Acceptable Reference Tests

Estimated IIIE 375% Viscosity Increase at 64 hours

For a IIIF at 70 hours, the IIIE equivalent pass should be 995%.

For a IIIF at 60 hours, the IIIE equivalent pass should be 270%.

Estimated IIIE 200% Viscosity Increase at 64 hours

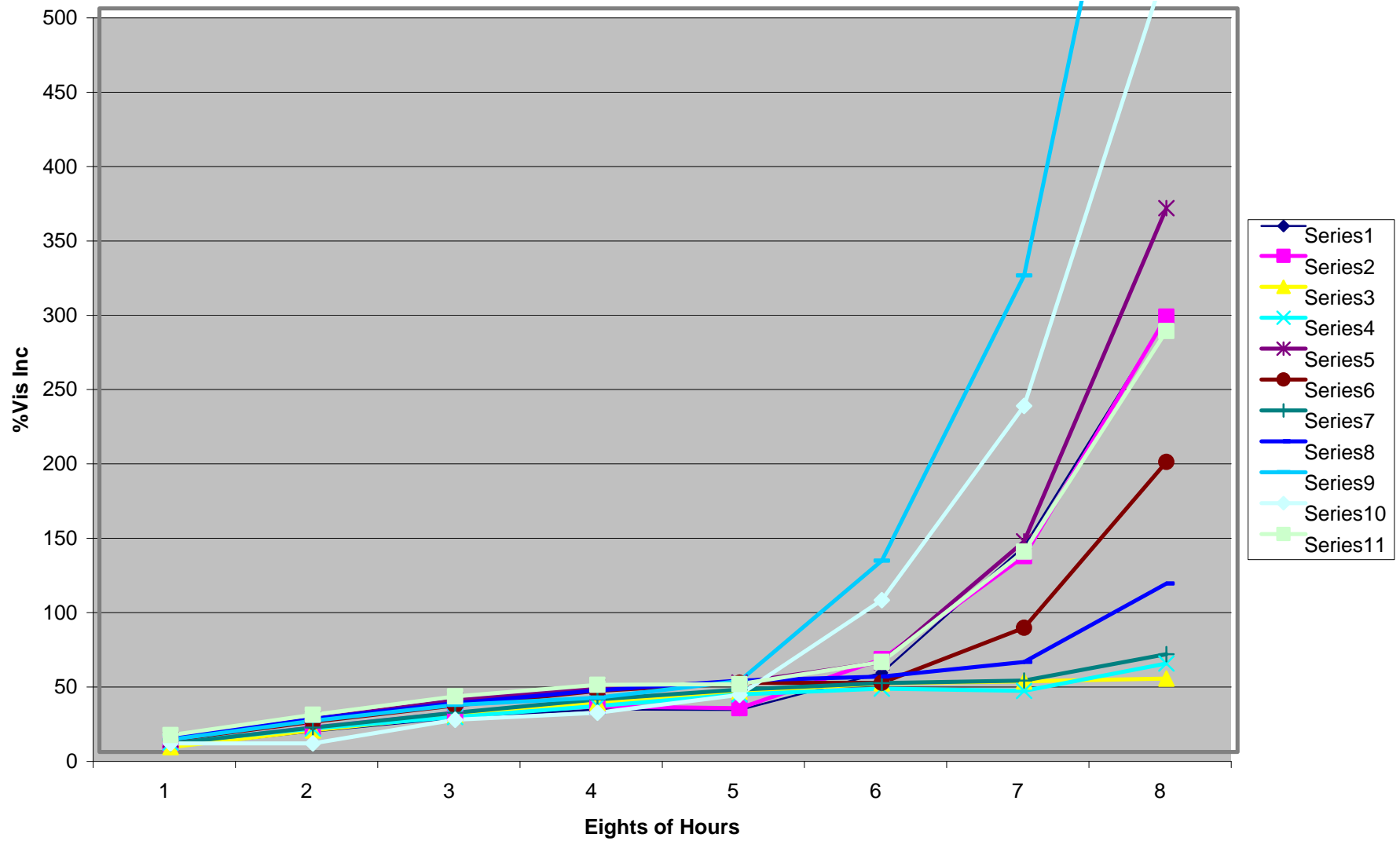
For a IIIF at 60 hours, the IIIE equivalent pass should be 240%.

Estimated IIIE 100% Viscosity Increase at 64 hours

For a IIIF at 60 hours, the IIIE equivalent pass should be 205%.

Remember Reference Oil 1006 is the GF-2 category oil and is a 5W-30.

III E %Vis Inc as a Function of Test Time for Oil 1006



IIIF %Vis Inc as a Function of Test Time for Oil 1006

