

Report Forms
L-33
VERSION L33 VERSION 20020503

CONDUCTED FOR

CC

CC

C	V = VALID
	I = INVALID
	N = RESULTS CANNOT BE INTERPRETED (See Comment Section)

CC	NR = Non-Reference Test Oil
	RO = Reference Oil Result

Test Number			
Motoring Stand	Storage Box #:	Storage Box Run Number:	cccccc
cccccc	cccccc	cccccc	cccccc
Date Completed: YYYYMMDD	EOT Time: HH : MM		
Oil Code : CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			
Formulation/Stand Code: CC-CCCCCCCC-CC-C-CCCC-CC-CC-CCCC			
Alternate Codes:	cccccccccccccccc	cccccccccccccccc	cccccccccccccccc

In my opinion this test CCCCCCCC has been conducted in a valid manner in accordance with the STP 512A ASTM Test Method and the appropriate amendments through the information letter system. The remarks included in this report describe the anomalies associated with this test.

SUBMITTED BY: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Testing Laboratory

Signature Image

Signature

CC

Typed Name

CC

Title

CC

Section

**L-33
FORM 1**

TEST RESULT SUMMARY

OIL TEST			
LAB	MOTORING STAND	STORAGE BOX #	STORAGE BOX RUN #
CC	CCCCC	CCCCC	CCCCC
START DATE	DATE COMPLETED	END OF TEST TIME	TEST LENGTH
YYYYMMDD	YYYYMMDD	HH:MM	S1234
TMC OIL CODE	OILCODE		VISCOSITY GRADE
CC			CCCCCC
LABORATORY OIL CODE:	CCCCCCCCCCCCCCCCCCCCCCCC		
FORMULATION STAND CODE:	CC-CCCCCCCC-C-C-CCCCC-CC-CC-CCCC		
LATEST INFORMATION LETTER TEST WAS RUN UNDER:	CCCCCC		
GEAR VERSION:	CCCCCC		
PINION BATCH:	CCCCCC	RING BATCH:	CCCCCC

Last Reference Oil Calibrating Storage Box Information - Fill Out For Non-reference Oil Tests Only			
MOTORING STAND: CCCCC	STORAGE BOX # CCCCC	TMC OIL CODE: CCCCC	DATE COMPLETED: YYYYMMDD
GEAR VERSION: CCCCCCCC	PINION BATCH: CCCCCC	RING BATCH: CCCCCC	

RUST/CORROSION PASS/FAIL PARAMETERS			
	FINAL	AREA 4	Lowest of Areas 1-3,5-10
Orginal Merit Results	S12.12	S1	S1
Transformed Results ^A	S1.1234		
Correction Factor ^A	S1.1234		
Corrected Transformed Results ^A	S1.1234		
Severity Adjustments ^A	S1.1234		
Final Transformed Results ^A	S1.1234		
Final Merit Results	S12.12	S1	S1

^AAT THE PRESENT TIME THERE ARE NO TRANSFORMATIONS(I.E. MULTIPLY ORIGINAL RESULT * 1.0),
NO CORRECTION FACTORS OR SEVERITY ADJUSTMENTS

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FORM 2

RATING SUMMARY

LAB	CC	MOTORING STAND	CCCCC
OIL CODE	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	STORAGE BOX NO.	CCCCC
		STORAGE BOX RUN NO.	CCCCC

RATER'S INITIALS (AFTER TEST)		CCC	
RUST/CORROSION			
LOCATION			
DIFFERENTIAL CASE:	RUST ^A	WEIGHTING FACTOR	WEIGHTED RUST
1. At Pinion Contact	S1	* .06	S1.12
2. Diff. Gear Contact	S1	* .16	S1.12
3. Diff. Gears (Side)	S1	* .11	S1.12
4. Axle Hsg. Cover	S1	* .34	S1.12
5. Drive Gear (Ring)	S1	* .05	S1.12
6. Drive Pinion	S1	* .05	S1.12
BEARING:			
7. Drive Pinion Roller	S1	* .06	S1.12
8. Drive Pinion Cups	S1	* .07	S1.12
9. Diff. Case Roller	S1	* .03	S1.12
10. Diff. Case Cups	S1	* .07	S1.12
Final Rust/Corrosion Merit Rating			S12.12 ^B

REMARKS: Note presence, location and amount of additional deposit-stain, sludge, etc.

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FORM 3

OPERATIONAL VALIDITY SUMMARY

LAB CC	MOTORING STAND	CCCCC
OIL CODE CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	STORAGE BOX NO.	CCCCC
	STORAGE BOX RUN NO.	CCCCC

OPERATOR'S INITIALS	CCC
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TURNING TORQUES:			
Pinion, lbf-in.	Break	S1234	Turn
Full Assembly, lbf-in.	Break	S1234	Turn

WARM-UP:			
Time (h)	Start	HH:MM	Finish
Temperature °F	Start	S12.1	Finish

MOTORING PHASE:					
Time (h)	Start	HH:MM	Finish	HH:MM	
Pinion Speed, r/min	Avg.	S1234	Max.	S1234	Min.
Oil Temperature, °F	Avg.	S12.1	Max.	S12.1	Min.

STORAGE PHASE:					
Time (h)	Start	HH:MM	Finish	HH:MM	
Oil Temperature, °F	Avg.	S12.1	Max.	S12.1	Min.

CONTROLLED PARAMETER	PERCENT DEVIATION			STORAGE PHASE		
	MOTORING PHASE		Actual Time Out min:s	Allowable % Out	This Test % Out	Actual Time Out min:s
OIL TEMPERATURE	5	S123.1	CCCCCC	4	S123.1	CCCCCC

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FORM 4

A
PRE TEST RATING

LAB CC	MOTORING STAND	CCCCC
OIL CODE CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	STORAGE BOX NO.	CCCCC
	STORAGE BOX RUN NO.	CCCCC

Match No.: CCCCCC **Date:** YYYYMMDD **Rated By:** CCC

Differential Case

Area 1. At Pinion Contact: CC
CC

Area 2. At Differential Gear Contact: CC
CC
CC

Area 3. Differential Gears (Side Gears): CC
CC

Area 4. Axle Housing Cover: CC
CC

Area 5. Drive Gears (Ring): CC
CC

Area 6. Drive Pinion: CC
CC

Area 7. Drive Pinion Rollers: CC
CC

Area 8. Drive Pinion Cups: CC
CC

Area 9. Differential Case Rollers: CC
CC

Area 10. Differential Case Cups: CC
CC

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FORM 5

LOST TIME AND COMMENTS