Report Forms
L-33
VERSION *L33 VERSION 20020711*

CONDUCTED FOR

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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 *CCCCC*	Storage Box #: *CCCCC*	Storage Box Run Number: *CCCCC*	
Date Completed: *YYYYMMDD*		EOT Time: *HH:MM*	
Oil Code : *CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC*			
Formulation/Stand Code: *CC-CCCCCCCCCC-C-C-CCCCCC-CC-CC-CCCCC*			
Alternate Codes:	*CCCCCCCCCCCCCCCC*	*CCCCCCCCCCCCCCCC*	*CCCCCCCCCCCCCCCC*

In my opinion this test *CCCCCCCC* 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: *CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC*
Testing Laboratory

Signature Image
Signature

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Typed Name

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Title

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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
CCCC

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FORM 2

RATING SUMMARY

LAB	*CC*	MOTORING STAND	*CCCCC*
OIL CODE	*CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC*	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*	* .087	*S1.123*
2. Diff. Gear Contact	*S1*	* .193	*S1.123*
3. Diff. Gears (Side)	*S1*	* .094	*S1.123*
4. Axle Hsg. Cover	*S1*	* .169	*S1.123*
5. Drive Gear (Ring)	*S1*	* .079	*S1.123*
6. Drive Pinion	*S1*	* .079	*S1.123*
BEARING:			
7. Drive Pinion Roller	*S1*	* .051	*S1.123*
8. Drive Pinion Cups	*S1*	* .083	*S1.123*
9. Diff. Case Roller	*S1*	* .071	*S1.123*
10. Diff. Case Cups	*S1*	* .094	*S1.123*
Final Rust/Corrosion Merit Rating			*S12.12*

[A] Rust Level (Enter 10, 9, 8, 5 or 0):

None	=	10		
Trace	=	9	=	not more than six spots, each less than 1mm in diameter
Light	=	8	=	seven(7) or more spots less than 1mm in diameter or, one(1) or more spots greater or equal to 1mm in diameter with a combined area of all the spots no greater than 1% of the total rated component surface.
Moderate	=	5	=	in excess of above and up to 5% of considered surface
Heavy	=	0	=	covering more than 5% of considered surface

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	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	STORAGE BOX NO.	CCCCC
		STORAGE BOX RUN NO.	CCCCC

OPERATOR'S INITIALS	*CCC*

TURNING TORQUES:				
Pinion, lbf-in.	Break	*S1234*	Turn	*S1234*
Full Assembly, lbf-in.	Break	*S1234*	Turn	*S1234*

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

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

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

PERCENT DEVIATION						
CONTROLLED PARAMETER	MOTORING PHASE			STORAGE PHASE		
	Allowable % Out	This Test % Out	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

PRE TEST RATING [A]

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

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

Differential Case

Area 1. At Pinion Contact: CCCCCCCCCCCCCCCCCCCC

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FORM 5

LOST TIME AND COMMENTS

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

Number of Downtime Occurrences			S1	
Test Hours	Date	Downtime	Reasons	
HH:MM	*YYYYMMDD*	*HH:MM*	*CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC*	
		HHH:MM	Total Downtime	

Other Comments		
Number of Comment Lines	*S1*	
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		