

**Report Forms  
Test Method D 7038**

**L-33-1**

**Version** L331 VERSION 20021202

**Conducted For**

CC

CC

C	<b>V = Valid</b>
	<b>I = Invalid</b>
	<b>N = Results Cannot Be Interpreted (See Comment Section)</b>

CC	<b>NR = Non-Reference Test Oil</b>
	<b>RO = Reference Oil Result</b>

<b>Test Number</b>			
<b>Motoring Stand:</b>	CCCCC	<b>Storage Box :</b>	CCCCC
<b>Date Completed:</b>	YYYYMMDD	<b>EOT Time:</b>	HH:MM
<b>Storage Box Run :</b>	CCCCC		
<b>Oil Code:</b> CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			
<b>Formulation/Stand Code:</b> CC-CCCCCCCCC-C-C-CCCCC-CC-CC-CCCCC			
<b>Alternate Codes:</b>	CCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC

In my opinion this test CCCCCC been conducted in a valid manner in accordance with ASTM Test Method D 7038 and the appropriate amendments through the information letter system. The remarks included in this report describe the anomalies associated with this test.

**Submitted By:**

CC

**Testing Laboratory**

Signature Image

**Signature**

CC

**Typed Name**

CC

**Title**

CC

**Section**

**Test Method D 7038  
L-33-1  
Form 1  
Test Result Summary**

Oil Test			
<b>Lab</b>	<b>Motoring Stand</b>	<b>Storage Box</b>	<b>Storage Box Run</b>
CC	CCCC	CCCC	CCCC
<b>Start Date</b>	<b>Date Completed</b>	<b>End of Test Time</b>	<b>Test Length</b>
YYYYMMDD	YYYYMMDD	HH:MM	S1234
<b>TMC Oil Code</b>	<b>Laboratory Oil Code</b>		<b>Viscosity Grade</b>
CCCCCC	CCCCCCCCCCCCCCCCCCCCCC		CCCCCC
<b>Oil Code:</b> CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			
<b>Formulation Stand Code:</b> CC-CCCCCCCCC-C-C-CCCCC-CC-CC-CCCC			
<b>Latest Information Letter Test Was Run Under:</b> CCCCCC			
<b>Gear Version:</b> CCCCCC			
<b>Pinion Batch:</b> CCCCC		<b>Ring Batch:</b> CCCCC	

Last Reference Oil Calibrating Stand Information - Fill Out For Non-reference Oil Tests Only			
<b>Motoring Stand:</b> CCCCC	<b>Storage Box :</b> CCCCC	<b>Storage Box Run:</b> CCCCC	
<b>Date Completed:</b> YYYYMMDD		<b>TMC Oil Code:</b> CCCCC	
<b>Gear Version:</b> CCCCCC	<b>Pinion Batch:</b> CCCCC	<b>Ring Batch:</b> CCCCC	

Rust/Corrosion Pass/Fail Parameters			
	Final	Area 4	Lowest of Areas 1-3, 5-10
<b>Original Merit Results</b>	S12.12	S1	S1
<b>Correction Factor <sup>A</sup></b>	S1.1234		
<b>Severity Adjustments</b>	S1.1234		
<b>Final Merit Results</b>	S12.12	S1	S1

<sup>A</sup> At the present time there are no industry correction factors. enter 0.00 .



**Test Method D7038  
L-33-1  
Form 3  
Operational Validity Summary**

<b>Lab:</b> CC	<b>Motoring Stand :</b> CCCCC
<b>Storage Box :</b> CCCCC	<b>Storage Box Run :</b> CCCCC
<b>Oil Code :</b> CCC	

<b>Operator's Initials</b> CCC
--------------------------------

<b>TURNING TORQUES:</b>			
<b>Pinion, lbf-in.</b>	<b>Break</b>	S1234	<b>Turn</b> S1234
<b>Full Assembly, lbf-in.</b>	<b>Break</b>	S1234	<b>Turn</b> S1234

<b>Warm-Up:</b>			
<b>Time (h)</b>	<b>Start</b>	HH:MM	<b>Finish</b> HH:MM
<b>Oil Temperature °F</b>	<b>Start</b>	S12.1	<b>Finish</b> S12.1

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

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

<b>Percent Deviation</b>						
<b>Controlled Parameter</b>	<b>Motoring Phase</b>			<b>Storage Phase</b>		
	<b>Allowable % Out</b>	<b>This Test % Out</b>	<b>Actual Time Out min:s</b>	<b>Allowable % Out</b>	<b>This Test % Out</b>	<b>Actual Time Out min:s</b>
<b>Oil Temperature</b>	<b>5</b>	S123.1	CCCCCC	<b>4</b>	S123.1	CCCCCC

**Test Method D 7038**  
**L-33-1**  
**Form 4**  
**Pre Test Rating <sup>A</sup>**

<b>Lab:</b> CC	<b>Motoring Stand:</b> CCCCC
<b>Storage Box :</b> CCCCC	<b>Storage Box Run:</b> CCCCC
<b>Oil Code:</b> CCC	

**Match No.:** \_\_\_\_\_ CCCCC      **Date:** \_\_\_\_\_ YYYYMMDD      **Rated By:** \_\_\_\_\_ CCC

**Differential Case**

**Area 1. At Pinion Contact:** CCC  
CC

**Area 2. At Differential Gear Contact:** CCC  
CC  
CC  
CC

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

**Area 4. Axle Housing Cover:** CCC  
CC

**Area 5. Drive Gears (Ring):** CCC  
CC

**Area 6. Drive Pinion:** CCC  
CC

**Area 7. Drive Pinion Rollers:** CCC  
CC

**Area 8. Drive Pinion Cups:** CCC  
CC

**Area 9. Differential Case Rollers:** CCC  
CC

**Area 10. Differential Case Cups:** CCC  
CC

<sup>A</sup> After Abrasive Blasting





