Report Forms
L-42

Version:
CONDUCTED FOR:

	V = Valid
	I = Invalid
	N = Results Cannot Be Interpreted (See Comment Section)

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

Test Number			
Test Stand:		**Stand Run Number:**	
Date Completed:		**EOT Time:**	
Oil Code:			
Formulation/Stand Code:			
Alternate Codes:			
Test Version [A]:			

In my opinion this test 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.

[A] Standard or Canadian

Submitted By:

_____
Testing Laboratory

_____
Signature

_____
Typed Name

_____
Title

_____
Section

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Form 1
Test Result Summary

Lab:	**Stand No.:**
Oil Code:	**Stand Run No.:**

Test Date Started	Test Date Completed	End Of Test Time	Total Test Minutes	Laboratory Oil Code	Coast Side % Scoring			Coast Side Torque (lbf-ft)	
					EOT Pinion	EOT Ring	Sequence 2 Ring	Sequence 2	Sequence 4
Latest Information Letter Run Against									

Stand Reference Oil Test History In Chronological Order

	Test Date Started	Test Date Completed	End Of Test Time	Total Test Minutes	Stand Run No.	CMIR No.	TMC Oil No.	Laboratory Oil Code	Coast Side % Scoring			Coast Side Torque (lbf-ft)	
									EOT Pinion	EOT Ring	Seq 2 Ring	Sequence 2	Sequence 4
Discrimination [A]													
Calibration Sequence Passing Tests Only [B]													
Average For Passing Reference Oil Tests													

[A] Only for non-reference tests.
[B] For non-reference and discrimination tests only.

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Form 2
Operational Summary

Lab:	**Stand No.:**
Oil Code:	**Stand Run No.:**

Stand Set-up				
Break-in Procedure Designation				
	Sequence 2	**Unit of Measure**	**Sequence 4**	**Unit of Measure**
Acceleration Rate				
Deceleration Rate				

Gear Loading Data					
		Sequence 2		**Sequence 4**	
		Torques lbf-ft	**Cycle Time Second**	**Torques lbf-ft**	**Cycle Time Second**
Drive Side	**Maximum**				
	Minimum				
	Average				
Coast Side	**Maximum**				
	Minimum				
	Average				

Lubricant Temperature Data				
Phase	**Specification**	**Average**	**Minimum**	**Maximum**
Sequence 1 (After reaching 225 ºF)	**225 ± 5 ºF**			
Phase	**Specification**	**Start Value**		**Maximum**
Sequence 2	**200 ± 5 ºF**			
Sequence 4	**< 280 ºF**			

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Form 3
Measurement Summary

Lab:	Stand No.:
Oil Code:	Stand Run No.:

Axle Codes			
Assembly Date	Match No.	Pinion Batch	Ring Batch

Contact Pattern Measurements			
		Drive Side	Coast -Side
Length Rating	As Received		
	As Tested		
Flank Rating	As Received		
	As Tested		
Contact Pattern Rater Initials			

Test Axle Build Data								
Backlash (in.)	Specification	Average	Position Measurements				Minimum	Maximum
			1	2	3	4		
Initial	.004 -.009 in.							
Final								
Increase			Break			Turn		
Initial Pinion Torque (lbf -in)								

Inspection	Ring% Scoring		Pinion % Scoring	
	Drive Side	Coast Side	Drive Side	Coast Side
Break-In				
1st Noise Check				
2nd Noise Check				
Sequence 3				
EOT				
EOT Rating Date			EOT Rater Initials	

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Form 4
Downtime and Comments

Lab:	Stand No.:
Oil Code:	Stand Run No.:

Number of Downtime Occurrences			
Test Hours	**Date**	**Downtime**	**Reasons**
			Total Downtime (hours)

Other Comments		
Number of Comment Lines		

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Form 4A

Downtime and Comments

Lab:	**Stand No.:**
Oil Code:	**Stand Run No.:**

Number of Downtime Occurrences			
Test Hours	**Date**	**Downtime**	**Reasons**
			Total Downtime (hours)

Other Comments		
Number of Comment Lines		

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Form 4B

Downtime and Comments

Lab:	Stand No.:
Oil Code:	Stand Run No.:

Number of Downtime Occurrences			
Test Hours	Date	Downtime	Reasons
			Total Downtime (hours)

Other Comments	
Number of Comment Lines	