

**Report Forms
L-42-1**

Version: L421 VERSION 20050712 BETA

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			
Test Stand:	CCCCC	Stand Run Number:	CCCC
Date Completed:	YYYYMMDD	EOT Time:	HH:MM
Oil Code:	CC		
Formulation/Stand Code:	CC-CCCCCCCCCC-C-C-CCCCCC-CC-CC-CCCC		
Alternate Codes:	CCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC
Test Version ^A :	CCCCCCCC		

In my opinion this test CCCCCC been conducted in a valid manner in accordance with the ASTM RR: 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:

CC

Testing Laboratory

Signature Image

Signature

CC

Typed Name

CC

Title

CC

Section

**L-42-1
Form 2
Conditioning Phase Operational Data Summary**

Lab: CC	Stand No.: CCCCC	Stand Run No.: CCCC
Oil Code: CCC		

Operational Data				
	Conditioning 1		Conditioning 3	
	Wheel Speed (r/min)	Torques (lbf-ft)	Wheel Speed (r/min)	Torques (lbf-ft)
Average	S12345	S12345	S12345	S12345

Operational Data					
		Conditioning 2		Conditioning 4	
		Wheel Speed (r/min)	Torques (lbf-ft)	Wheel Speed (r/min)	Torques (lbf-ft)
Drive Side	Maximum	S12345	S12345	S12345	S12345
	Minimum	S12345	S12345	S12345	S12345
	Average	S12345	S12345	S12345	S12345
Coast Side	Maximum	S12345	S12345	S12345	S12345
	Minimum	S12345	S12345	S12345	S12345
	Average	S12345	S12345	S12345	S12345

Lubricant Temperature Data				
Phase	Specification	Average	Minimum	Maximum
Gear Conditioning (After reaching 225 °F)	225 ± 5 °F	S123.1	S1234	S1234

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Form 4
Measurement Summary**

Lab: CC	Stand No.: CCCC	Stand Run No.: CCCC
Oil Code: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		

Axle Codes			
Assembly Date	Match No.	Pinion Batch	Ring Batch
CCCCCCC	CCCCCCCC	CCCCCCCC	CCCCCCCC

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

Test Axle Build Data								
Backlash (in.)	Specification	Average	Position Measurements				Minimum	Maximum
			1	2	3	4		
Initial	.004 -.009 in.	S1.1234	S1.123	S1.123	S1.123	S1.123	S1.123	S1.123
Final		S1.1234	S1.123	S1.123	S1.123	S1.123	S1.123	S1.123
Increase		S1.1234	Break			Turn		
Initial Pinion Torque (lbf -in)			S123.1			S123.1		

Inspection	Ring% Scoring		Pinion % Scoring	
	Drive Side	Coast Side	Drive Side	Coast Side
Inspection 1	S123	S123		
Inspection 2	S123	S123		
EOT	S123	S123	S123	S123
EOT Rating Date			EOT Rater Initials	
YYYYMMDD			CCC	

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Form 10

Conditioning Phase 1 & 2 – Pinion Torque vs. Time

Lab:	CC	Stand No.:	CCCCC	Stand Run No.:	CCCC
Oilcode:	CC				

CC

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Form 12

Conditioning Phase 2 – Pinion Torque vs. Time

Lab:	CC	Stand No.:	CCCC	Stand Run No.:	CCCC
Oilcode:	CC				

CC

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Form 14**

Shock Series 1 – Pinion Torque vs. Time (5 shocks)

Lab: CC	Stand No.: CCCC	Stand Run No.: CCCC
Oilcode: CCCCCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC	

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

