

**L-33
FORM 1**

TEST RESULT SUMMARY

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

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: CCCCCC	PINION BATCH: CCCCC	RING BATCH: CCCCC	

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

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

**L-33
FORM 3**

OPERATIONAL VALIDITY SUMMARY

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

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

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

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

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

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

**L-33
FORM 4**

PRE TEST RATING^A

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

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

^A AFTER ABRASIVE BLASTING

