

## **MS19 - Rear Differential**

Sample No: LH0244644

Oil Type: GEAR OIL SAE 80W90

## SAMPLE INFORMATION

Sample Number	LH0244644	LHMC103170	 
Sample Date	08 Dec 2023	03 Aug 2023	 
Machine Hours	3512	2706	 
Oil Hours	0	0	 
Oil Changed	Not Changd	N/A	 
Sample Status	NORMAL	NORMAL	 

Visc @ 40°C

## cSt 0 130

	NTAMIN/	ATION			
Water	%	NEG	NEG	 	
Silicon	ppm	0 9	○ <1	 	
Sodium	ppm	<b>○</b> <1	0 2	 	
Potassium	ppm	<b>○</b> <1	0	 	

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WEA	<b>R METAI</b>	LS		
Iron	ppm	0 30	8	 
Copper	ppm	02	○ <1	 
Lead	ppm	0 🔘	0	 
Tin	ppm	0 🔘	0	 
Aluminum	ppm	02	0	 
Chromium	ppm	0 🔘	0	 
Molybdenum	ppm	0 🔘	0	 
Nickel	ppm	0 🔘	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	<b>○</b> <1	<1	 
Vanadium	ppm	0	0	 

	TIVES			
Calcium	ppm	0 77	63	 
Magnesium	ppm	0 2	1	 
Zinc	ppm	O 41	29	 
Phosphorus	ppm	<b>945</b>	947	 
Barium	ppm	0	0	 
Boron	ppm	<b>244</b>	297	 





#### OSCAR WINSKI CO. INC

2407 N. 9TH STREET LAFAYETTE, IN US 47904 Contact: JAYSON FRAZIER frazierj@oscarwinski.com T: (765)376-1230 F: x:

#### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	OSCLAF
Unique No:	10807073
Signed:	Jonathan Hester
Report Date:	29 Dec 2023

# **CONSTRUCTION EQUIPMENT**



# **GRAPHS**

