CONSTRUCTION EQUIPMENT

MS20 - Front Differential

Sample No: LH0244838

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0244838	 	
Sample Date	14 Dec 2023	 	
Machine Hours	3388	 	
Oil Hours	0	 	
Oil Changed	Not Changd	 	
Sample Status	NORMAL	 	



OIL CONDITION

Visc @ 40°C

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Water	%	NEG		
Silicon	ppm	01		
Sodium	ppm	0 (
Potassium	ppm	0 ()		

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WEA	R METALS			
Iron	ppm	07	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	0 18	 	
Magnesium	ppm	0	 	
Zinc	ppm	3	 	
Phosphorus	ppm	968	 	
Barium	ppm	0	 	
Boron	ppm	268	 	





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:	10807061
Signed:	Jonathan Hester
Report Date:	29 Dec 2023

Contact/Location: JAYSON FRAZIER - OSCLAF





Ferrous Alloys

GRAPHS

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