

## MS19 - Front Left Wheel Hub

Sample No: LH0244645

Oil Type: GEAR OIL SAE 80W90

## **SAMPLE INFORMATION**

Sample Number	LH0244645	LHMC131458		
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 0 123

Water	%	NEG	NEG		
Silicon	ppm	0 2	01		
Sodium	ppm	04	○ 5		
Potassium	ppm	0	0 ()		

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WEA	<b>R</b> METALS			
Iron	ppm	0 40	25	 
Copper	ppm	0 16	0 11	 
Lead	ppm	0	0	 
Tin	ppm	0	0	 
Aluminum	ppm	0	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	 

0

	DITIVES			
Calcium	ppm	228	239	 
Magnesium	ppm	0 🔘	3	 
Zinc	ppm	0 147	143	 
Phosphorus	ppm	923	910	 
Barium	ppm	0 🔘	0	 
Boron	ppm	0 171	212	 





#### 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.

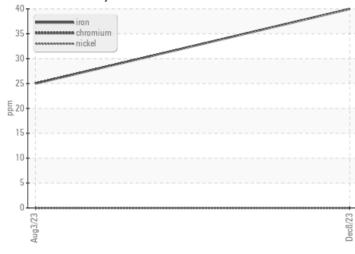
Depot:	OSCLAF
Unique No:	10807077
Signed:	Jonathan Hester
Report Date:	29 Dec 2023

# CONSTRUCTION EQUIPMENT



# **GRAPHS**

#### Ferrous Alloys



### Non-ferrous Metals

