

## LIEBHERR LH50M 142304-1216 - Diesel Engine

0 13.5

61

Sample No: LH

Oil Type: SAE 10W40

## **SAMPLE INFORMATION**

Sample Number	LH	 	
Sample Date	25 Jan 2023	 	
Machine Hours	3000	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

OI	<b>CONDITION</b>
Visc @ 100°C	cSt

Oxidation (PA)

# CONTAMINATION

Soot %	%	0			
Nitration (PA)	%	63			
Sulfation (PA)	%	53			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	06			
Sodium	ppm	0 2			
Potassium	ppm	0			

### **WEAR METALS**

cSt

%

Iron	ppm	<b>3</b>	 	
Copper	ppm	02	 	
Lead	ppm	<b>○</b> <1	 	
Tin	ppm	0 ()	 	
Aluminum	ppm	01	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	<b>58</b>	 	
Nickel	ppm	0	 	
Titanium	ppm	<b>○</b> <1	 	
Silver	ppm	0 0	 	
Manganese	ppm	<b>○</b> <1	 	
Vanadium	ppm	0	 	

0

ADDITIVES						
Calcium	ppm	0 1025				
Magnesium	ppm	<b>993</b>				
Zinc	ppm	<b>1203</b>				
Phosphorus	ppm	0 1095				
Barium	ppm	◯ <1				
Boron	ppm	<b>○</b> <1				

Depot: Unique No: Signed: **Report Date:**  PRO9STE Wes Davis 28 Jul 2023





**PRODUITS FORESTIERS D.G. LTEE** 313 RANG ST-JOSEPH STE-AURELIE, QC

CA GOM 1M0 Contact: Roger .

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#### Diagnosis

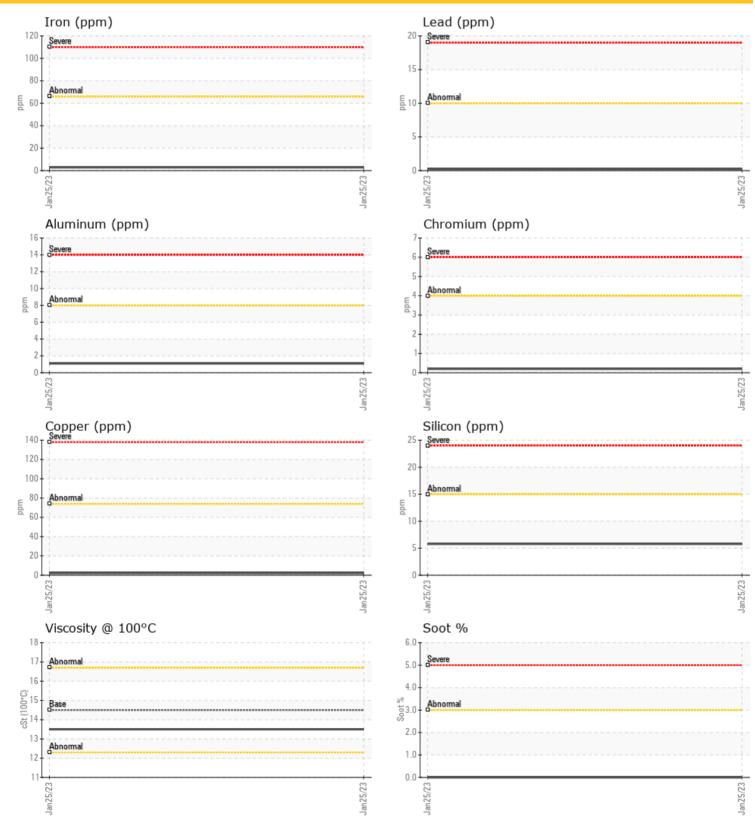
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.





GRAPHS

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