# LIEBHERR

## **CONSTRUCTION EQUIPMENT**

# LIEBHERR L550 73936 - Diesel Engine

**2** 

**4** 

ppm

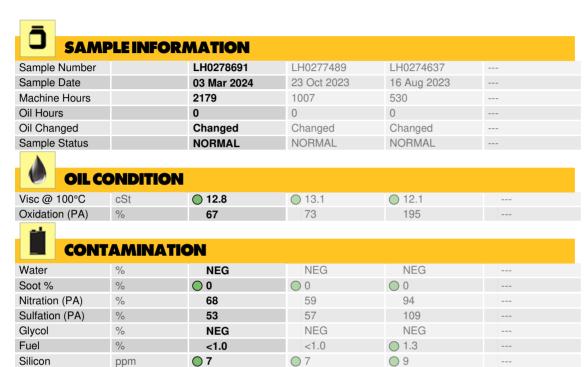
ppm

Sample No: LH0278691

Sodium

Potassium

Oil Type: DIESEL ENGINE OIL SAE 40



Ø WEA								
WEAR METALS								
Iron	ppm	<b>6</b>	<b>6</b>	O 10				
Copper	ppm	<b>6</b>	O 154	O 273				
Lead	ppm	○ <1	O 5	<b>10</b>				
Tin	ppm	<b>○</b> <1	O <1	O 2				
Aluminum	ppm	<b>2</b>	O 2	<b>4</b>				
Chromium	ppm	<b>○</b> <1	O <1	O <1				
Molybdenum	ppm	<b>57</b>	<b>58</b>	<b>44</b>				
Nickel	ppm	<b>○</b> <1	O 0	O 0				
Titanium	ppm	<b>0</b>	<b>0</b>	O <1				
Silver	ppm	<b>0</b>	O <1	O <1				
Manganese	ppm	<b>0</b>	0	O 1				
Vanadium	ppm	0	0	0				

02

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ADD	ITIVES				
Calcium	ppm	<b>1027</b>	O 1108	O 1360	
Magnesium	ppm	<b>981</b>	963	914	
Zinc	ppm	<b>1179</b>	O 1169	○ 880	
Phosphorus	ppm	<b>1004</b>	971	O 785	
Barium	ppm	<b>0</b>	<b>4</b>	<b>24</b>	
Boron	ppm	<b>12</b>	O 10	<b>85</b>	





1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8

Contact: Steve Lehto steve.lehto@liebherr.com

T: (905)319-9222 F: (905)319-6617

#### Diagnosis

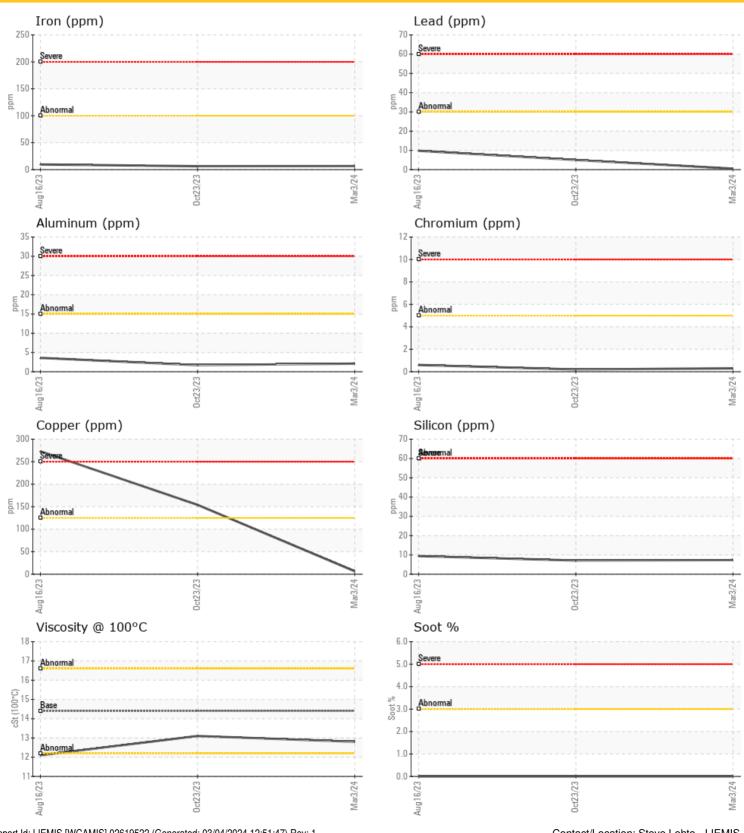
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIEMISUnique No:5736632Signed:Wes DavisReport Date:04 Mar 2024





### **GRAPHS**



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Contact/Location: Steve Lehto - LIEMIS