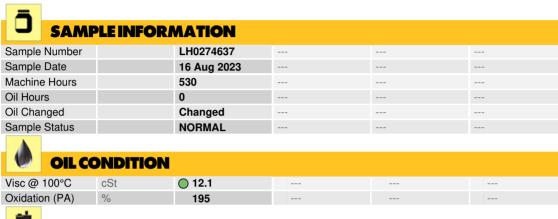
# LIEBHERR

## **CONSTRUCTION EQUIPMENT**

## LIEBHERR L550 73936 - Diesel Engine

Sample No: LH0274637

Oil Type: DIESEL ENGINE OIL SAE 40



- 1 Table   1 Ta									
CONTAMINATION									
Soot %	%	<b>0</b> 0							
Nitration (PA)	%	94							
Sulfation (PA)	%	109							
Glycol	%	NEG							
Fuel	%	<b>1.3</b>							
Silicon	ppm	<b>9</b>							
Sodium	ppm	<b>3</b>							
Potassium	ppm	<b>4</b>							

WEA	R META	LS		
Iron	ppm	<b>10</b>	 	
Copper	ppm	<b>273</b>	 	
Lead	ppm	<b>10</b>	 	
Tin	ppm	<b>2</b>	 	
Aluminum	ppm	<b>4</b>	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	<b>44</b>	 	
Nickel	ppm	<b>0</b>	 	
Titanium	ppm	<b>()</b> <1	 	
Silver	ppm	<b>○</b> <1	 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	0	 	

ADDITIVES									
Calcium	ppm	<b>1360</b>							
Magnesium	ppm	<b>914</b>							
Zinc	ppm	○ 880							
Phosphorus	ppm	<b>785</b>							
Barium	ppm	<b>24</b>							
Boron	ppm	<b>85</b>							





#### LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON

CA L7L 5Z8

Contact: Joseph Rodgers joseph.rodgers@liebherr.com

T: (905)319-9222 F: (905)319-6622

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Metal levels are typical for a new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
Unique No: 5629464
Signed: Kevin Marson
Report Date: 18 Aug 2023

# LIEBHERR

CONSTRUCTION EQUIPMENT





### **GRAPHS**

