

## [CGI] LIEBHERR L586 068730 - Diesel Engine

86

Sample No: LH0274389

Oil Type: NOT GIVEN

## SAMPLE INFORMATION

Sample Number		LH0274389	LH0234775				
Sample Date		17 Sep 2023	08 Jul 2022				
Machine Hours		6182	591				
Oil Hours		0	0				
Oil Changed		Changed	Changed				
Sample Status		NORMAL	NORMAL				
<b>OIL CONDITION</b>							
Visc @ 100°C	cSt	12.3	0 12.1				

Oxidation (PA)

## 1

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CONTAMINATION					
Soot %	%	0	0		
Nitration (PA)	%	78	93		
Sulfation (PA)	%	60	111		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	0.8		
Silicon	ppm	06	0 11		
Sodium	ppm	04	2		
Potassium	ppm	01	0 2		

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### WEAR METALS

%

Iron	ppm	04	9	 
Copper	ppm	<b>0</b> 10	0 142	 
Lead	ppm	0 2	6	 
Tin	ppm	0	○ <1	 
Aluminum	ppm	01	2	 
Chromium	ppm	<b>○</b> <1	○ <1	 
Molybdenum	ppm	<b>5</b> 9	0 44	 
Nickel	ppm	0	0	 
Titanium	ppm	0	<1	 
Silver	ppm	0	0	 
Manganese	ppm	<1	2	 
Vanadium	ppm	0	0	 

0

ADDITIVES						
Calcium	ppm	<b>939</b>	0 1358			
Magnesium	ppm	0 1083	○ 906			
Zinc	ppm	0 1211	845			
Phosphorus	ppm	0 1039	○ 725			
Barium	ppm	0	34			
Boron	ppm	0 26	○ 77			





LIEBHERR CANADA LTD.

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#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:5644204Signed:Wes DavisReport Date:18 Sep 2023

Report Id: LIEMIS [WCAMIS] 02583139 (Generated: 09/18/2023 20:40:26) Rev: 1

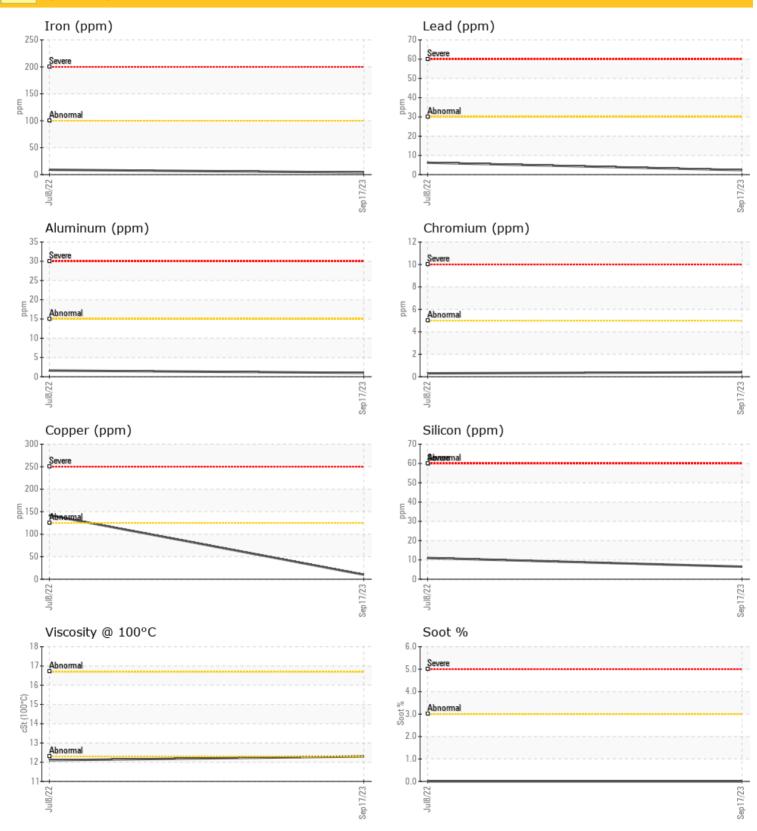
Contact/Location: Steve Lehto - LIEMIS

# CONSTRUCTION EQUIPMENT



GRAPHS

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Contact/Location: Steve Lehto - LIEMIS