BHERR E **CONSTRUCTION EQUIPMENT**



[ENERGY CRANE [597641]] 086178 - Diesel Engine

Sample No: LH0151137

Oil Type: CHEVRON DELO 400 SYNTHETIC 5W40

LH0151137

13 Feb 2024 1175

0

N/A NORMAL

0 13.1

59

SAMPLE INFORMATION

Sample Number	
Sample Date	
Machine Hours	
Oil Hours	
Oil Changed	
Sample Status	

0	OIL CO	NDITION
sc @	100°C	cSt

Oxidation (PA) %

-	

Vi

CONTAMINATION

Water	%	NEG			
Soot %	%	0			
Nitration (PA)	%	72			
Sulfation (PA)	%	54			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	07			
Sodium	ppm	02			
Potassium	ppm	3			

WEAD METALS

Iron	ppm	07	 	
Copper	ppm	0 42	 	
Lead	ppm	01	 	
Tin	ppm	○ <1	 	
Aluminum	ppm	02	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	04	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	○ <1	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

pm	0 1297			
pm	695			
pm	0 752			
pm	687			
pm	○ <1			
pm	0 74			
p p	m m m m	m 0 695 m 752 m 687 m 0 1	m 695 m 752 m 687 m 0 1	m 695 m 752 m 687 m <1

LIEBHERR CANADA LTD.

10374 267 ST. ACHESON, AB CA T7X 6A2 Contact: Dustin Fluet dustin.fluet@liebherr.com T: (780)962-6088 F: (780)962-6799

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIESPR Unique No: 5733725 Signed: Kevin Marson **Report Date:** 21 Feb 2024

Report Id: LIESPR [WCAMIS] 02616615 (Generated: 02/21/2024 08:12:21) Rev: 1

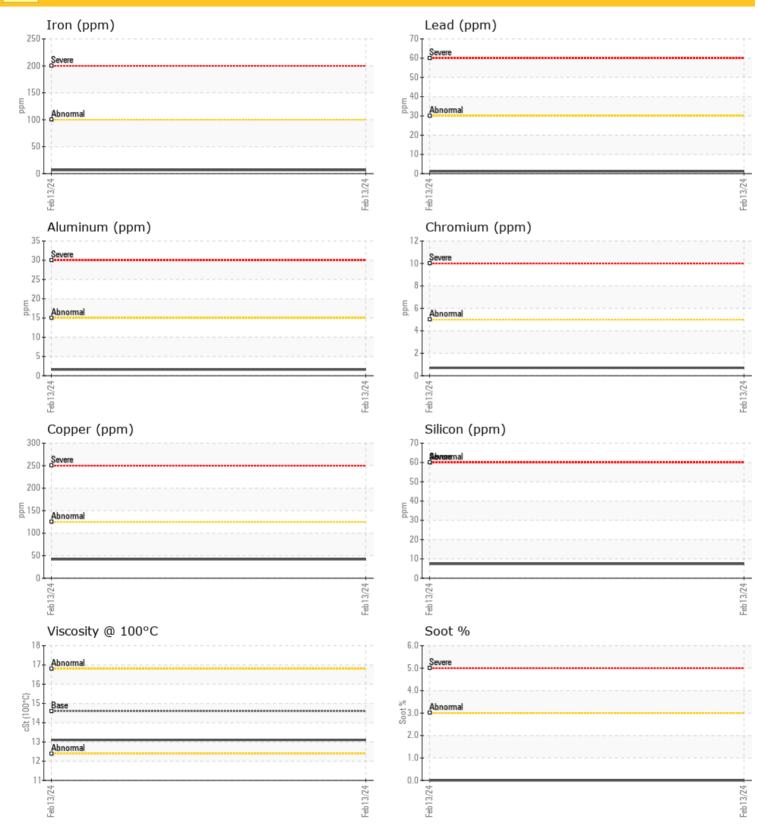
Contact/Location: Dustin Fluet - LIESPR





GRAPHS

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Contact/Location: Dustin Fluet - LIESPR