



# [LOUVILLE [591655]] 70776-1826 - Diesel Engine

Sample No: LH

**Oil Type: DIESEL ENGINE OIL SAE 40** 

## **SAMPLE INFORMATION**

0 13.0

78

Sample Number	LH	 	
Sample Date	04 Jan 2024	 	
Machine Hours	1714	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	NORMAL	 	



#### **OIL CONDITION** Visc @ 100°C cSt

%

Oxidation (PA)

Water	%	NEG			
Soot %	%	0			
Nitration (PA)	%	72			
Sulfation (PA)	%	58			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	07			
Sodium	ppm	0 2			
Potassium	ppm	<b>3</b>			

## WEAD METAI C

Iron	ppm	8 🔘	 	
Copper	ppm	<b>41</b>	 	
Lead	ppm	02	 	
Tin	ppm	<b>○</b> <1	 	
Aluminum	ppm	02	 	
Chromium	ppm	<mark></mark> <1	 	
Molybdenum	ppm	<b>5</b> 6	 	
Nickel	ppm	0 🔘	 	
Titanium	ppm	0 🔘	 	
Silver	ppm	0 🔘	 	
Manganese	ppm	0 🔘	 	
Vanadium	ppm	0	 	

	ITIVES			
Calcium	ppm	1130	 	
Magnesium	ppm	<b>951</b>	 	
Zinc	ppm	0 1128	 	
Phosphorus	ppm	<b>930</b>	 	
Barium	ppm	03	 	
Boron	ppm	04	 	



#### 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

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. Please specify the component make

and model with 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: LIEMIS Unique No: 5707812 Signed: Wes Davis Report Date: 05 Jan 2024

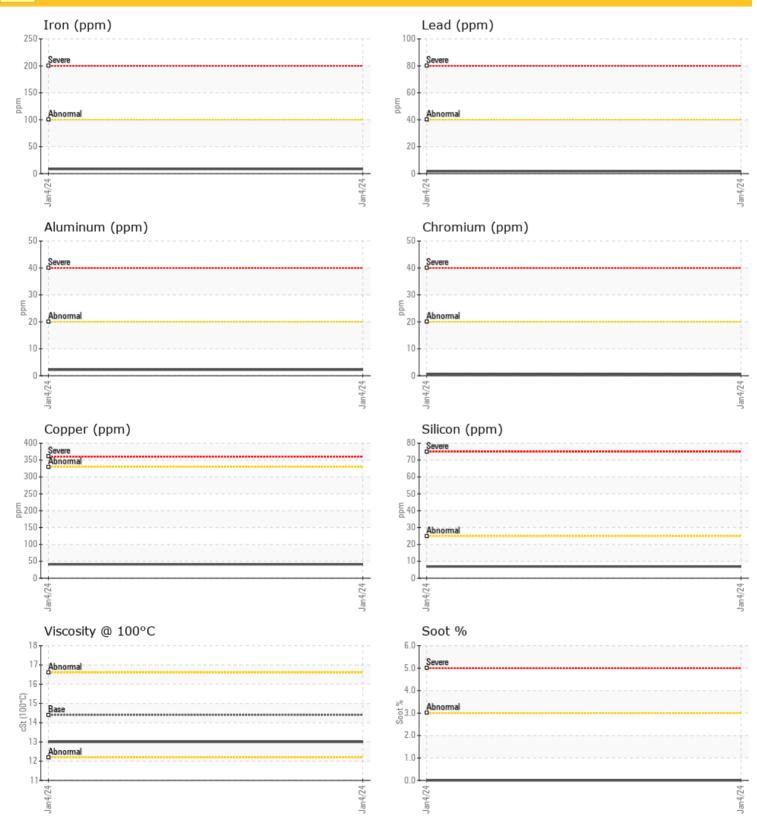
Contact/Location: Joseph Rodgers - LIEMIS

# CONSTRUCTION EQUIPMENT



GRAPHS

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Contact/Location: Joseph Rodgers - LIEMIS