

### NO UNIT LH0269954 - Diesel Engine

0 11.9

160

Sample No: LH0269954

Oil Type: NOT GIVEN

## **SAMPLE INFORMATION**

Sample Number	LH0269954	 	
Sample Date	07 Nov 2023	 	
Machine Hours	0	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	NORMAL	 	

Visc @ 100°C

#### OIL CONDITION 100°C cSt

Oxidation (PA)

## CONTAMINATION

%

Soot %	%	0 🔘	 	
Nitration (PA)	%	90	 	
Sulfation (PA)	%	92	 	
Glycol	%	NEG	 	
Fuel	%	0 1.3	 	
Silicon	ppm	8 🔘	 	
Sodium	ppm	03	 	
Potassium	ppm	<b>3</b>	 	

#### WEAR METALS

Iron	ppm	<b>1</b> 4	 	
Copper	ppm	<b>196</b>	 	
Lead	ppm	07	 	
Tin	ppm	<b>○</b> <1	 	
Aluminum	ppm	02	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	0 49	 	
Nickel	ppm	<b>○</b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	<b>○</b> <1	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

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## ADDITIVES

Calcium	ppm	0 1174	 	
Magnesium	ppm	<b>985</b>	 	
Zinc	ppm	962	 	
Phosphorus	ppm	0 815	 	
Barium	ppm	22	 	
Boron	ppm	0 55	 	





#### LIEBHERR CANADA LTEE

444 AVENUE DE LA FRICHE DOLBEAU-MISTASSINI, QC CA G8L 3M7 Contact: Marie-Eve Belley marie-eve.belley@liebherr.com T: F: (418)276-9844

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. 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:
 LBADOL

 Unique No:
 5671958

 Signed:
 Bill Quesnel

 Report Date:
 10 Nov 2023

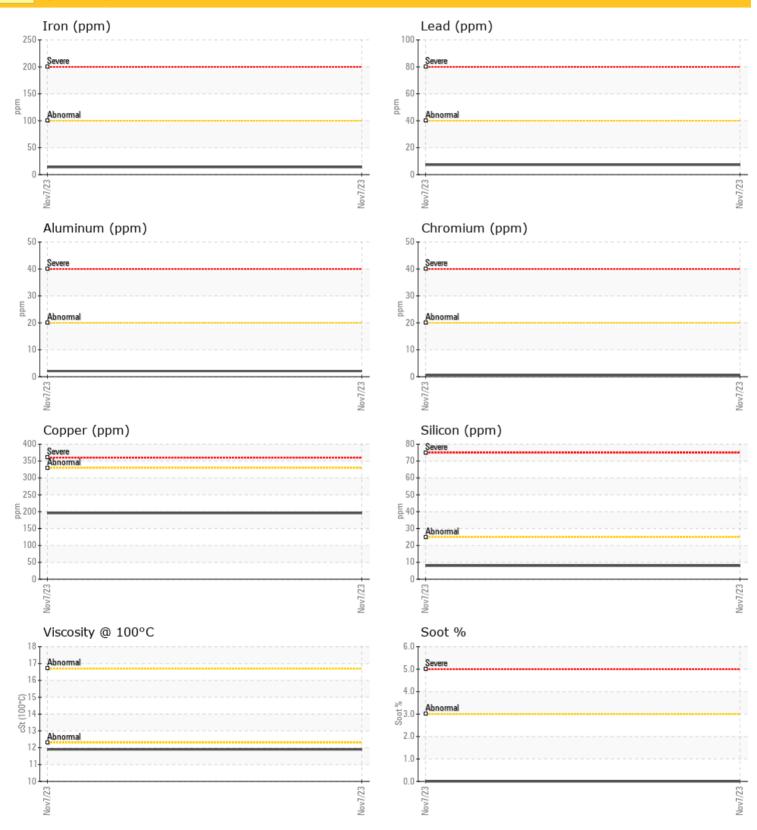
Contact/Location: Marie-Eve Belley - LBADOL

# CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: LBADOL [WCAMIS] 02594879 (Generated: 11/10/2023 19:43:26) Rev: 1

Contact/Location: Marie-Eve Belley - LBADOL