# LIEBHERR

## CONSTRUCTION EQUIPMENT

## [AECON] LIEBHERR LB28 115656 - Diesel Engine

Sample No: LH0250375

Oil Type: PETRO CANADA SUPREME 5W30



0 <1

0

818

1154

1226

0 1095

0

 $\bigcirc$  <1

967

0 1076

1296

0 1016

 $\bigcirc$  <1

0<1

1180

957

1223

958

**3** 



#### LIEBHERR CANADA LTD.

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### 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. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. 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:LIESPRUnique No:5672358Signed:Bill QuesnelReport Date:10 Nov 2023

**2** 

**857** 

**1081** 

**1190** 

968

18

**41** 

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

**ADDITIVES** 

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

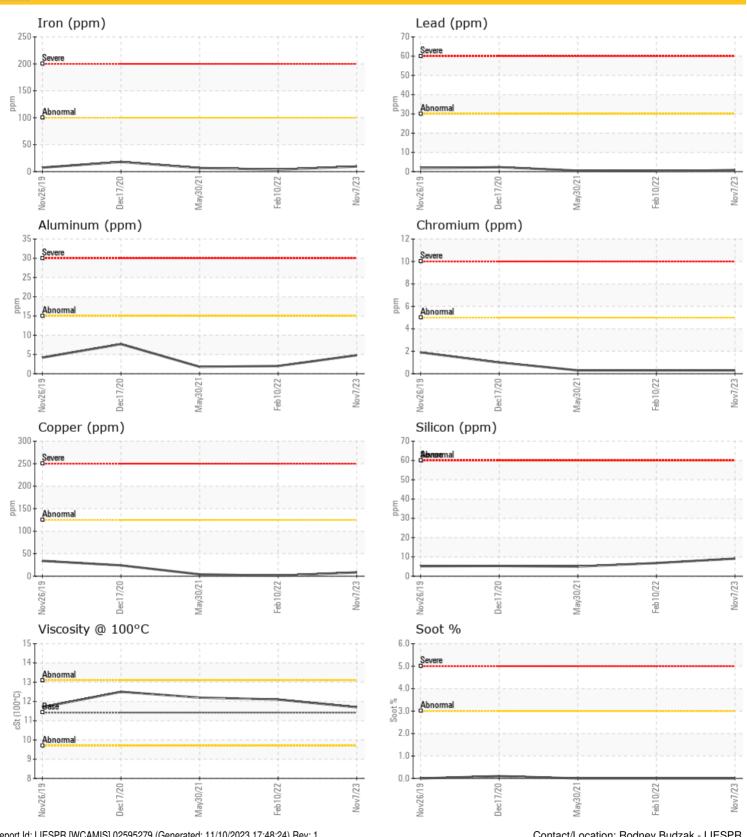
Magnesium

Phosphorus





#### **GRAPHS**



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Contact/Location: Rodney Budzak - LIESPR