## **CONSTRUCTION EQUIPMENT**

### 54868 - Diesel Engine

Sample No:

**Oil Type:** 

LH0260727 PETRO CANADA 10W40

# CAMPIEINEOPMATION

0 11.7

92

JAIM			
Sample Number	LH0260727	 	
Sample Date	28 Aug 2023	 	
Machine Hours	997	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	ABNORMAL	 	

**OIL CONDITION** Visc @ 100°C

Oxidation (PA)

cSt

%

Soot %	%	0	 	
Nitration (PA)	%	83	 	
Sulfation (PA)	%	67	 	
Glycol	%	NEG	 	
Fuel	%	0.9	 	
Silicon	ppm	06	 	
Sodium	ppm	04	 	
Potassium	ppm	<b>○</b> <1	 	

### **WEAR METALS**

Iron	ppm	6	 	
Copper	ppm	0 27	 	
Lead	ppm	01	 	
Tin	ppm	<b>○</b> <1	 	
Aluminum	ppm	01	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	<b>5</b> 9	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	<b>○</b> <1	 	
Manganese	ppm	<b>○</b> <1	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	0 882			
Magnesium	ppm	0 1127			
Zinc	ppm	<b>0</b> 1170			
Phosphorus	ppm	<b>O</b> 1015			
Barium	ppm	04			
Boron	ppm	0 35			





**Delsan - American Iron and Metal** 2187 Montee Masson

Laval. QC CA H7B 0A6 Contact: MANNY MARQUES mmarques@delsan-aim.com T: F:

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

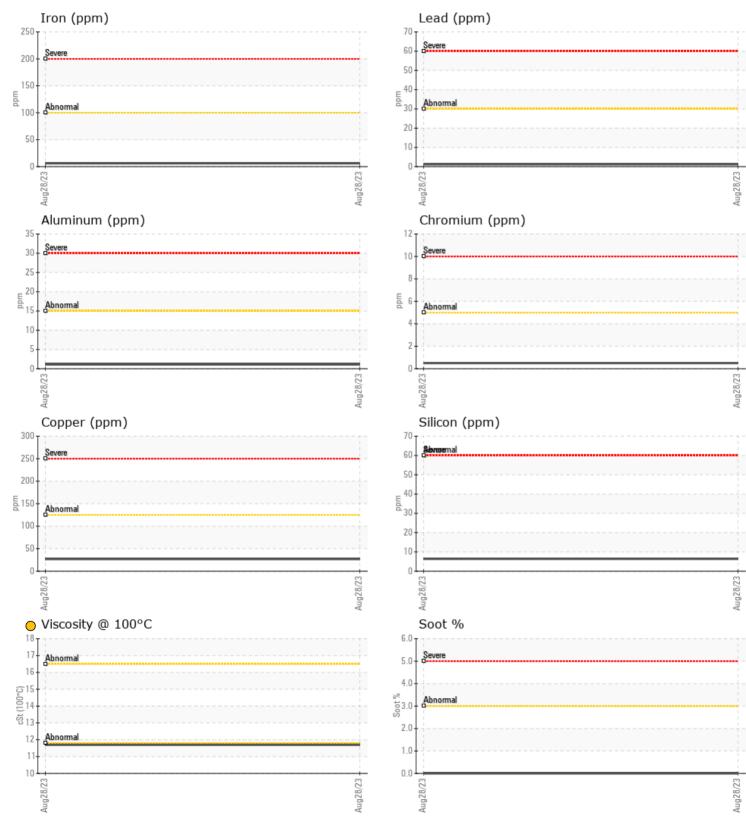
Depot: DEL782MON Unique No: 5632102 Kevin Marson Signed: Report Date: 30 Aug 2023





GRAPHS

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Report Id: DEL782MON [WCAMIS] 02579042 (Generated: 08/30/2023 11:03:38) Rev: 1

Contact/Location: MANNY MARQUES - DEL782MON