



# 48664 - Diesel Engine

cSt

%

0 13.6

61

LH0250540 Sample No:

Oil Type:

PETRO CANADA 10W40

<b>SAMPLE INFORMATION</b>					
Sample Number	LH0250540				
Sample Date	15 Sep 2023				
Machine Hours	2684				
Oil Hours	0				
Oil Changed	Changed				
Sample Status	NORMAL				

OIL OIL	CONDITION
Visc @ 100°C	cSt

Oxidation (PA)

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Soot %	%	0			
Nitration (PA)	%	62			
Sulfation (PA)	%	53			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	0 29			
Sodium	ppm	02			
Potassium	ppm	<b>3</b>			

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W EA	R ME I ALS			
Iron	ppm	<b>0</b> 15	 	
Copper	ppm	01	 	
Lead	ppm	<b>○</b> <1	 	
Tin	ppm	0	 	
Aluminum	ppm	01	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	<b>61</b>	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0 ()	 	
Manganese	ppm	<b>○</b> <1	 	
Vanadium	ppm	0	 	

	TIVES			
Calcium	ppm	0 1055	 	
Magnesium	ppm	1018	 	
Zinc	ppm	0 1219	 	
Phosphorus	ppm	<b>0</b> 1054	 	
Barium	ppm	0	 	
Boron	ppm	<b>○</b> <1	 	

## Liebherr Canada

140 - 21320 Gordon Way Richmond, BC CA V6W 1J8 Contact: Kevin Steer kevin.steer@liebherr.com T: F: (604)270-3254

## Diagnosis

Resample at the next service interval to monitor.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: LIERIC Unique No: 5644911 Signed: Wes Davis Report Date: 20 Sep 2023

Report Id: LIERIC [WCAMIS] 02583846 (Generated: 09/20/2023 15:11:47) Rev: 1

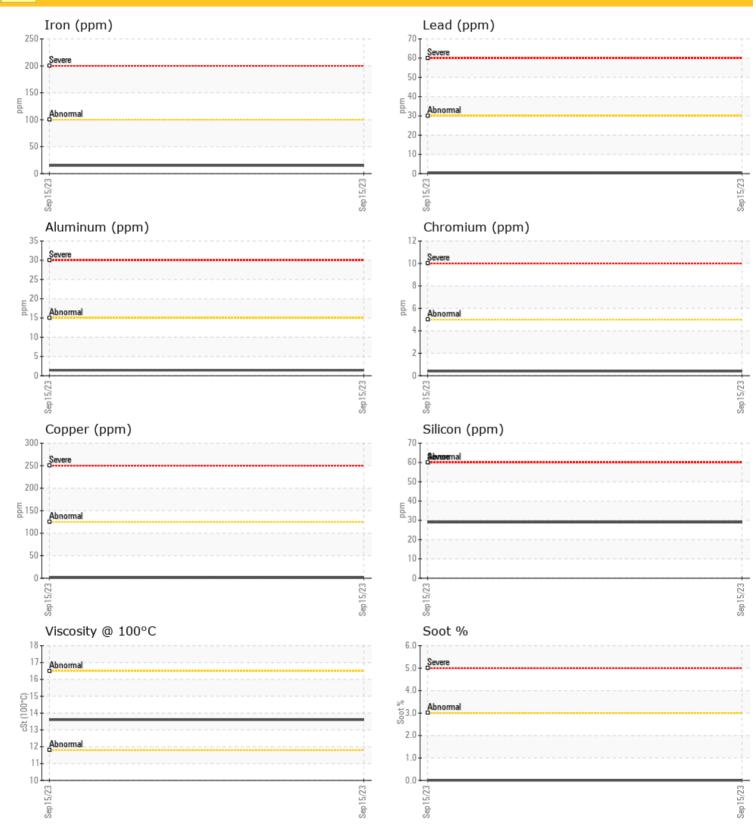
Contact/Location: Kevin Steer - LIERIC





GRAPHS

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