## BHERR **CONSTRUCTION EQUIPMENT**

# LIEBHERR HS8100.1 186046 - Diesel Engine

PETRO CANADA SUPREME 5W30

0 12.3

115

Sample No: LH0277543

Oil Type:

## **SAMPLE INFORMATION**

Sample Number	LH0277543	 	
Sample Date	09 Jan 2024	 	
Machine Hours	3909	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

**OIL CONDITION** Visc @ 100°C

#### cSt %

Oxidation (PA)

#### CONTAMINATION

Water	%	NEG			
Soot %	%	0 🔘			
Nitration (PA)	%	94			
Sulfation (PA)	%	70			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	0 5			
Sodium	ppm	<b>5</b>			
Potassium	ppm	<b>()</b> <1			

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Iron	ppm	07	 	
Copper	ppm	04	 	
Lead	ppm	<b>○</b> <1	 	
Tin	ppm	<b>○</b> <1	 	
Aluminum	ppm	02	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	0 60	 	
Nickel	ppm	<b>○</b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0 ()	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

0

ITIVES					
ppm	843				
ppm	0 1120				
ppm	0 1226				
ppm	0 1001				
ppm	0 🔘				
ppm	0 18				
	ppm ppm ppm ppm	ppm    843      ppm    1120      ppm    1226      ppm    1001      ppm    0	ppm  843     ppm  1120     ppm  1226     ppm  1001     ppm  0	ppm  843      ppm  1120      ppm  1226      ppm  1001      ppm  0	ppm    843         ppm    1120         ppm    1226         ppm    1001         ppm    0





**HIGGS & HIGGS** RR # 4 ST THOMAS, ON CA N5P 3S8 Contact: Bernie Higgs

T: (519)631-4095 F: (519)631-2745

#### 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: HIGSTT Unique No: 5721131 Signed: Bill Quesnel Report Date: 30 Jan 2024

Report Id: HIGSTT [WCAMIS] 02612036 (Generated: 01/30/2024 17:05:22) Rev: 1

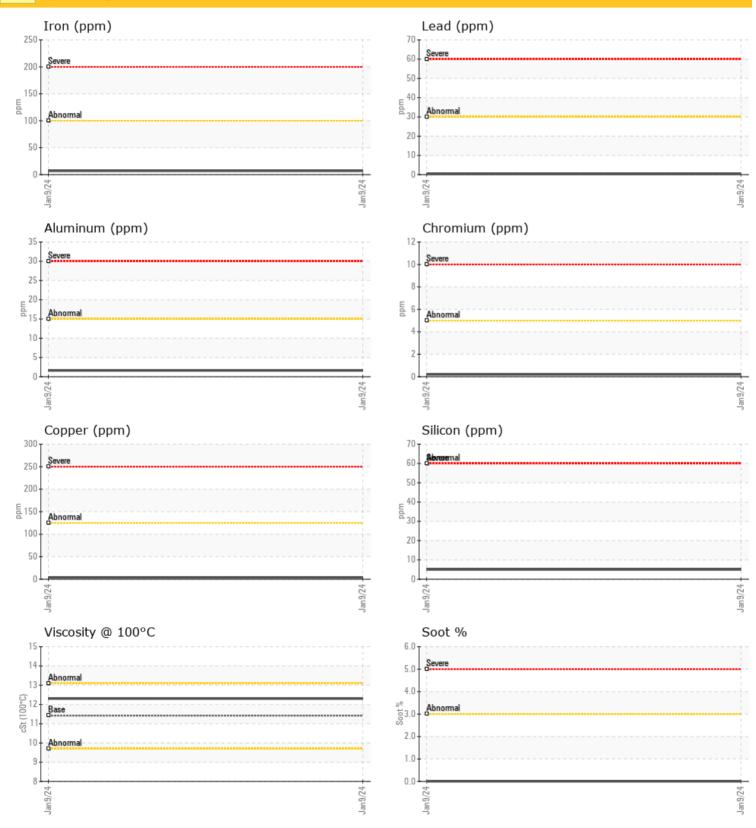
Contact/Location: Bernie Higgs - HIGSTT

# CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: HIGSTT [WCAMIS] 02612036 (Generated: 01/30/2024 17:05:25) Rev: 1

Contact/Location: Bernie Higgs - HIGSTT