

# LIEBHERR A934C 61320 - Diesel Engine

0 10.9

80

Sample No: LH0288202

Oil Type: PETRO CANADA SUPREME 5W30

#### **Sample Information**

Sample Number	LH0288202	 	
Sample Date	16 Apr 2024	 	
Machine Hours	23560	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

**Oil C** Visc @ 100°C

# Oil Condition

%

Oxidation (PA)

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Conta	mination			
Water	%	NEG	 	
Soot %	%	0 1.8	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	74	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	04	 	
Sodium	ppm	<b>3</b>	 	
Potassium	ppm	<b>○</b> <1	 	

## Wear Metals

Iron	ppm	0 12	 	
Copper	ppm	01	 	
Lead	ppm	0 (	 	
Tin	ppm	0 ()	 	
Aluminum	ppm	<b>○</b> <1	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	0 43	 	
Nickel	ppm	0 ()	 	
Titanium	ppm	0	 	
Silver	ppm	0 ()	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

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Addi	tives			
Calcium	ppm	627	 	
Magnesium	ppm	0 796	 	
Zinc	ppm	0 1023	 	
Phosphorus	ppm	0 867	 	
Barium	ppm	0 ()	 	
Boron	ppm	<b>0</b> 20	 	





LIEBHERR CANADA LTD.

1345 Dugald Road Winnipeg, MB CA R2J 0H3 Contact: Joshua Suitters joshua.suitters@liebherer.com T: (204)259-0083 F:

### Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIESELUnique No:5773860Signed:Wes DavisReport Date:02 May 2024

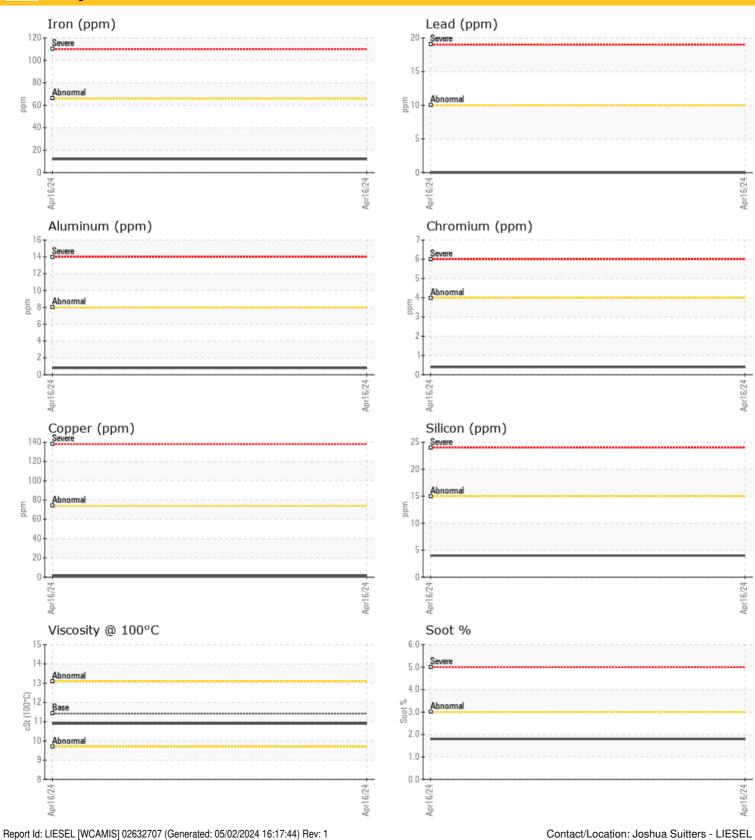
Report Id: LIESEL [WCAMIS] 02632707 (Generated: 05/02/2024 16:17:42) Rev: 1

Contact/Location: Joshua Suitters - LIESEL





0 Graphs



Contact/Location: Joshua Suitters - LIESEL