

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 66923 - Diesel Engine

Sample No: LH0284849

Oil Type: PETRO CANADA SUPREME 5W30



#### Sample Information

Sample Number	LH0284849	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	3054	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### LIEBHERR CANADA

10 LYNDS AVENUE  
MONCTON, NB  
CA E1H 3K2

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T:

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#### Oil Condition

Visc @ 100°C	cSt	11.7	---	---	---
Oxidation (PA)	%	72	---	---	---



#### Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	0	---	---	---

#### 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.



#### Wear Metals

Iron	ppm	3	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	58	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	811	---	---	---
Magnesium	ppm	1103	---	---	---
Zinc	ppm	1180	---	---	---
Phosphorus	ppm	1003	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	40	---	---	---

Depot: LIEMON

Unique No: 5763263

Signed: Wes Davis

Report Date: 19 Apr 2024



### Graphs

