

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 61320 - Diesel Engine

Sample No: LH0288202

Oil Type: PETRO CANADA SUPREME 5W30



LIEBHERR CANADA LTD.

1345 Dugald Road

Winnipeg, MB

CA R2J 0H3

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Sample Information

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



Oil Condition

Visc @ 100°C	cSt	10.9	---	---	---
Oxidation (PA)	%	80	---	---	---



Contamination

Water	%	NEG	---	---	---
Soot %	%	1.8	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	74	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---



Wear Metals

Iron	ppm	12	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	43	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	627	---	---	---
Magnesium	ppm	796	---	---	---
Zinc	ppm	1023	---	---	---
Phosphorus	ppm	867	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	20	---	---	---

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: LIESEL

Unique No: 5773860

Signed: Wes Davis

Report Date: 02 May 2024



Graphs

