

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 73916 - Diesel Engine

Sample No: LH0270421

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0270421	---	---	---
Sample Date	17 Sep 2023	---	---	---
Machine Hours	583	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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OIL CONDITION

Visc @ 100°C	cSt	11.7	---	---	---
Oxidation (PA)	%	212	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	98	---	---	---
Sulfation (PA)	%	112	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.4	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	5	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	258	---	---	---
Lead	ppm	10	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	46	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1375	---	---	---
Magnesium	ppm	939	---	---	---
Zinc	ppm	849	---	---	---
Phosphorus	ppm	718	---	---	---
Barium	ppm	33	---	---	---
Boron	ppm	75	---	---	---

Depot: LIEMIS
Unique No: 5644161
Signed: Bill Quesnel
Report Date: 19 Sep 2023



GRAPHS

