

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 146587-1250 - Diesel Engine

Sample No: LH

Oil Type: DIESEL ENGINE OIL SAE 30



CONTENEUR ROSE INC.
89 RUE MORANE
LAVAL, QC
CA H7M 1R5
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	574	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Oxidation (PA)	%	165	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	99	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.4	---	---	---
Silicon	ppm	56	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	30	---	---	---
Copper	ppm	68	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	46	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1815	---	---	---
Magnesium	ppm	766	---	---	---
Zinc	ppm	948	---	---	---
Phosphorus	ppm	838	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	71	---	---	---

T:
F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: CON89LAV
Unique No: 5632082
Signed: Kevin Marson
Report Date: 30 Aug 2023



GRAPHS

