

LIEBHERR

CONSTRUCTION EQUIPMENT



[(337755)] LIEBHERR L556 057483-1332 - Diesel Engine

Sample No: LH
 Oil Type: {unknown}



LES CHARGEMENTS ERIC TURPIN
 1170 CHEMIN DES VILLAS
 MONT-LAURIER, QC
 CA J9L 3G7
 Contact: ERIC TURPIN

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 F:



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	22 Jan 2024	---	---	---
Machine Hours	7383	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	MARGINAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.2	---	---	---
Oxidation (PA)	%	111	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	118	---	---	---
Sulfation (PA)	%	71	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	2.3	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	4	---	---	---



WEAR METALS

Iron	ppm	9	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	58	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	856	---	---	---
Magnesium	ppm	1118	---	---	---
Zinc	ppm	1208	---	---	---
Phosphorus	ppm	1008	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	13	---	---	---

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 SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: LES11DES
 Unique No: 5711597
 Signed: Kevin Marson
 Report Date: 24 Jan 2024



GRAPHS

