

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 73992 - Diesel Engine

Sample No: LH0289672

Oil Type: DIESEL ENGINE OIL SAE 40



Sample Information

Sample Number	LH0289672	---	---	---
Sample Date	10 Apr 2024	---	---	---
Machine Hours	2541	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR
 HAMILTON, ON
 CA L8N 3J5
 Contact: HAROLD LOUDEN
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 T: (905)548-7200
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Oil Condition

Visc @ 100°C	cSt	13.7	---	---	---
Oxidation (PA)	%	57	---	---	---



Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	2	---	---	---

Diagnosis

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 40. Please confirm. 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	4	---	---	---
Copper	ppm	8	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	56	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1059	---	---	---
Magnesium	ppm	925	---	---	---
Zinc	ppm	1156	---	---	---
Phosphorus	ppm	966	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	6	---	---	---

Depot: DOFHAM
 Unique No: 5763603
 Signed: Kevin Marson
 Report Date: 22 Apr 2024



Graphs

