

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 090077 - Splitter Box

Sample No: LH0276290

Oil Type: GEAR OIL SAE 75W90



ELG Canada
 4375 CORPORATE DRIVE
 BURLINGTON, ON
 CA L7L 5P7
 Contact: Service Manager

T:
 F: (905)335-9687



Sample Information

Sample Number	LH0276290	LH0230734	LH	---
Sample Date	16 Apr 2024	06 Jun 2022	05 Jan 2022	---
Machine Hours	6756	5519	5072	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	93.7	94.4	93.6	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	1	2	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	<1	<1	1	---



Wear Metals

Iron	ppm	17	13	19	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	17	8	7	---
Magnesium	ppm	2	2	1	---
Zinc	ppm	19	11	11	---
Phosphorus	ppm	1259	1294	1299	---
Barium	ppm	0	0	0	---
Boron	ppm	280	308	305	---

Diagnosis

Resample at the next service interval to monitor. 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.

Depot: STR437BUR
Unique No: 5762923
Signed: Wes Davis
Report Date: 18 Apr 2024



Graphs

