

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 150109-1527 - Splitter Box

Sample No: LH0284852
 Oil Type: SAE 75W90



Sample Information

Sample Number	LH0284852	LH0277028	---	---
Sample Date	22 Mar 2024	23 Nov 2023	---	---
Machine Hours	2242	2110	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Dartmouth Metals & Bottle Ltd.
 14 Dawn Drive
 Dartmouth, NS
 CA B3B 1H9
 Contact: Service



Oil Condition

Visc @ 40°C	cSt	181	75.9	---	---
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T:
 F:



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	2	6	---	---
Sodium	ppm	3	5	---	---
Potassium	ppm	2	<1	---	---

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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	18	16	---	---
Copper	ppm	9	1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	1	59	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	72	1069	---	---
Magnesium	ppm	46	1050	---	---
Zinc	ppm	48	1269	---	---
Phosphorus	ppm	1516	1031	---	---
Barium	ppm	2	<1	---	---
Boron	ppm	5	40	---	---

Depot: DAR14DAR
 Unique No: 5760215
 Signed: Kevin Marson
 Report Date: 05 Apr 2024



Graphs

