

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 086015-1203 - Splitter Box

Sample No: LH0278349

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	<b>LH0278349</b>	LH0183400	LH0234502	LH0194936
Sample Date	<b>28 Nov 2023</b>	19 Sep 2022	27 Jun 2022	31 Aug 2021
Machine Hours	<b>20736</b>	18175	17693	15995
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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



#### OIL CONDITION

Visc @ 40°C	cSt	<b>82.8</b>	72.8	74.2	77.1
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>1</b>	2	1	3
Sodium	ppm	<b>&lt;1</b>	<1	<1	2
Potassium	ppm	<b>8</b>	<1	<1	3

#### 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.



#### WEAR METALS

Iron	ppm	<b>8</b>	10	9	17
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	0	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>15</b>	21	21	27
Magnesium	ppm	<b>2</b>	2	2	3
Zinc	ppm	<b>54</b>	93	95	101
Phosphorus	ppm	<b>1115</b>	1013	963	1055
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>265</b>	224	226	214

**Depot:** DAR14DAR  
**Unique No:** 5709013  
**Signed:** Wes Davis  
**Report Date:** 10 Jan 2024



### GRAPHS

