

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH26M 118645-1252 - Swing Drive

Sample No: LH0284738

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**D.R. SCRAP METALS LTD.**  
 180 EDINBURG DRIVE  
 MONCTON, NB  
 CA E1E 2K7  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	<b>LH0284738</b>	LH0266085	LH0246815	LH0234592
Sample Date	<b>08 Feb 2024</b>	29 Jun 2023	18 Nov 2022	09 Jun 2022
Machine Hours	<b>8004</b>	7037	6006	5036
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	Changed
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	<b>108</b>	105	104	101
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T:  
F:



#### CONTAMINATION

Water	%	<b>0.436</b>	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	2	<1	2
Sodium	ppm	<b>4</b>	<1	<1	1
Potassium	ppm	<b>36</b>	<1	<1	<1

#### Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



#### WEAR METALS

Iron	ppm	<b>260</b>	26	215	204
Copper	ppm	<b>30</b>	10	23	21
Lead	ppm	<b>2</b>	0	<1	1
Tin	ppm	<b>&lt;1</b>	0	<1	<1
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>2</b>	<1	2	2
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>1</b>	<1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>11</b>	20	9	15
Magnesium	ppm	<b>1</b>	2	2	4
Zinc	ppm	<b>13</b>	11	8	17
Phosphorus	ppm	<b>1257</b>	1283	1311	1285
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>256</b>	304	280	286

**Depot:** DRSMON  
**Unique No:** 5724880  
**Signed:** Kevin Marson  
**Report Date:** 16 Feb 2024



### GRAPHS

