

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH26M 118645-1252 - Front Differential

Sample No: LH0284741

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

T:  
 F:

#### 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.



#### SAMPLE INFORMATION

Sample Number	<b>LH0284741</b>	LH0266094	LH0246809	LH0195212
Sample Date	<b>08 Feb 2024</b>	29 Jun 2023	18 Nov 2022	14 Dec 2021
Machine Hours	<b>8004</b>	7037	6006	4018
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	● 108	● 102	● 103	● 103
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	● 1	● 1	● 1	● 1
Sodium	ppm	● 0	● <1	● 1	● <1
Potassium	ppm	● <1	● <1	● <1	● <1



#### WEAR METALS

Iron	ppm	● 2	● 3	● 4	● 4
Copper	ppm	● <1	● <1	● <1	● <1
Lead	ppm	● 0	● 0	● <1	● 0
Tin	ppm	● 0	● 0	● 0	● <1
Aluminum	ppm	● <1	● 0	● <1	● <1
Chromium	ppm	● 0	● 0	● 0	● 0
Molybdenum	ppm	● 0	● 0	● 0	● <1
Nickel	ppm	● <1	● <1	● <1	● <1
Titanium	ppm	● 0	● 0	● 0	● 0
Silver	ppm	● 0	● 0	● 0	● 0
Manganese	ppm	● 0	● 0	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



#### ADDITIVES

Calcium	ppm	● 11	● 15	● 17	● 13
Magnesium	ppm	● <1	● 1	● 3	● 2
Zinc	ppm	● 6	● 7	● 9	● 9
Phosphorus	ppm	● 1260	● 1242	● 1334	● 1286
Barium	ppm	● 0	● 0	● 0	● 0
Boron	ppm	● 309	● 301	● 315	● 319

Depot: DRSMON  
 Unique No: 5724885  
 Signed: Wes Davis  
 Report Date: 15 Feb 2024



### GRAPHS

