

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(377329)] LIEBHERR LH26M 138624-1252 - Rear Differential

Sample No: LH0286422

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**EVERCLEAR METAL RECYCLING**  
7136 DURIEU ST.  
MISSION, BC  
CA V2V 2Y4  
Contact: Service Manager



#### Sample Information

Sample Number	LH0286422	LH0232709	LH0260422	LH0232698
Sample Date	08 Jun 2024	26 Nov 2023	15 Aug 2023	14 Dec 2022
Machine Hours	4000	2949	2334	1081
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### Oil Condition

Visc @ 40°C	cSt	105	111	175	66.7

T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	2	<1	7
Sodium	ppm	2	2	2	16
Potassium	ppm	0	0	<1	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. The condition of the oil is acceptable for the time in service.



#### Wear Metals

Iron	ppm	8	4	3	6
Copper	ppm	<1	<1	<1	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	0	<1	2
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	35	127	178	3661
Magnesium	ppm	<1	1	1	11
Zinc	ppm	12	46	78	1402
Phosphorus	ppm	1197	1379	2265	1269
Barium	ppm	0	<1	0	<1
Boron	ppm	310	277	6	99

Depot: EVEMIS  
Unique No: 5799048  
Signed: Wes Davis  
Report Date: 12 Jun 2024



### Graphs

