

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 118645-1252 -Rear Differential

Sample No: LH0284746

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	LH0284746	LH0266088	LH0246808	LH0234595
Sample Date	08 Feb 2024	29 Jun 2023	18 Nov 2022	09 Jun 2022
Machine Hours	8004	7037	6006	5036
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	105	100	102	102



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	<1	1	1
Sodium	ppm	<1	1	2	<1
Potassium	ppm	<1	<1	<1	0



WEAR METALS

Iron	ppm	6	6	7	3
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	18	29	50	15
Magnesium	ppm	2	2	3	2
Zinc	ppm	8	9	10	8
Phosphorus	ppm	1261	1271	1371	1276
Barium	ppm	<1	0	0	0
Boron	ppm	308	304	317	309

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.

Depot: DRSMON
 Unique No: 5724886
 Signed: Wes Davis
 Report Date: 15 Feb 2024



GRAPHS

