

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 110435-1250 - Front Right Wheel Hub

Sample No: LH0288082

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



ECOWASTE INDUSTRIES
 4 SPRUCE ST
 NEW WESTMINSTER, BC
 CA V3L 5G6
 Contact: Service Manager

T:
 F:



Sample Information

Sample Number	LH0288082	LH0283993	LH0283995	LH0260475
Sample Date	30 May 2024	31 Jan 2024	31 Jan 2024	14 Aug 2023
Machine Hours	13142	12137	12137	11129
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	106	106	104
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	<1	1
Sodium	ppm	3	<1	3	6
Potassium	ppm	0	<1	<1	<1



Wear Metals

Iron	ppm	17	4	19	52
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	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	15	6	15	44
Magnesium	ppm	1	1	1	2
Zinc	ppm	11	9	11	22
Phosphorus	ppm	1242	1227	1253	1351
Barium	ppm	0	0	0	0
Boron	ppm	309	299	295	269

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: ECONEW
Unique No: 5799041
Signed: Wes Davis
Report Date: 12 Jun 2024



Graphs

