

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 110435-1250 - Front Right Wheel Hub

Sample No: LH0283993

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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



SAMPLE INFORMATION

Sample Number	LH0283993	LH0283995	LH0260475	LH0234090
Sample Date	31 Jan 2024	31 Jan 2024	14 Aug 2023	07 Mar 2023
Machine Hours	12137	12137	11129	10153
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	106	106	104	106
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	1	2
Sodium	ppm	<1	3	6	7
Potassium	ppm	<1	<1	<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	4	19	52	104
Copper	ppm	<1	1	3	4
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	15	44	75
Magnesium	ppm	1	1	2	2
Zinc	ppm	9	11	22	27
Phosphorus	ppm	1227	1253	1351	1539
Barium	ppm	0	0	0	0
Boron	ppm	299	295	269	220

Depot: ECONEW
Unique No: 5722899
Signed: Wes Davis
Report Date: 06 Feb 2024



GRAPHS

