

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH22M 110435-1250 - Front Right Wheel Hub

Sample No: LH0283995

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	LH0283995	LH0260475	LH0234090	LH0238721
Sample Date	31 Jan 2024	14 Aug 2023	07 Mar 2023	20 Jan 2023
Machine Hours	12137	11129	10153	9792
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	104	106	107
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	1	2	4
Sodium	ppm	3	6	7	10
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	19	52	104	136
Copper	ppm	1	3	4	6
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	1	2
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	15	44	75	118
Magnesium	ppm	1	2	2	3
Zinc	ppm	11	22	27	41
Phosphorus	ppm	1253	1351	1539	1660
Barium	ppm	0	0	0	<1
Boron	ppm	295	269	220	174

Depot: ECONEW  
 Unique No: 5722897  
 Signed: Wes Davis  
 Report Date: 06 Feb 2024



### GRAPHS

