

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 114790-1253 - Rear Right Wheel Hub

Sample No: LH0288039

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



DAVIS TRADING & SUPPLY LTD.
 110 GRANT STREET
 VANCOUVER, BC
 CA V6A 2J6
 Contact: Service Manager



Sample Information

Sample Number	LH0288039	LH0242112	LH0250470	LH0234123
Sample Date	12 Apr 2024	10 Oct 2023	24 Mar 2023	28 Jun 2022
Machine Hours	9051	7937	6744	5138
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	136	116	148	95.7
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	1	6	1
Sodium	ppm	2	2	5	2
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	7	6	97	9
Copper	ppm	<1	<1	7	2
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	27	56	214	68
Magnesium	ppm	1	1	2	1
Zinc	ppm	7	8	58	25
Phosphorus	ppm	1766	1430	2104	1221
Barium	ppm	0	<1	<1	0
Boron	ppm	165	252	105	312

Depot: DAV110VAN
 Unique No: 5762837
 Signed: Kevin Marson
 Report Date: 17 Apr 2024



Graphs

