

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 114790-1253 - Front Left Wheel Hub

Sample No: LH0288044

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	LH0288044	LH0242105	LH0250473	LH0234129
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	112	123	162	91.0
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#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	4	5	1
Sodium	ppm	4	5	3	4
Potassium	ppm	0	<1	<1	<1



#### Wear Metals

Iron	ppm	42	44	18	17
Copper	ppm	5	6	<1	11
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	81	128	140	245
Magnesium	ppm	1	2	14	2
Zinc	ppm	27	39	28	120
Phosphorus	ppm	1443	1592	2180	1197
Barium	ppm	<1	<1	0	0
Boron	ppm	261	194	94	274

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: DAV110VAN  
 Unique No: 5762833  
 Signed: Wes Davis  
 Report Date: 17 Apr 2024



### Graphs

