

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 142539-1253 - Rear Left Wheel Hub

Sample No: LH0284080

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Goodies Trading Ltd.
8150 Aitken Road
Chilliwack, BC
CA V2R 4H5
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0284080	LH0260403	LH0260654	---
Sample Date	15 Feb 2024	17 Aug 2023	03 May 2023	---
Machine Hours	0	1138	732	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	104	99.2	64.2	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	34	2	7	---
Sodium	ppm	1	3	19	---
Potassium	ppm	<1	<1	<1	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	5	8	---
Copper	ppm	<1	3	4	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	40	360	3827	---
Magnesium	ppm	1	2	10	---
Zinc	ppm	20	186	1440	---
Phosphorus	ppm	1255	1275	1234	---
Barium	ppm	0	0	<1	---
Boron	ppm	304	276	101	---

Depot: GOOCHI
Unique No: 5733438
Signed: Wes Davis
Report Date: 16 Feb 2024



GRAPHS

