

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(369353)] LIEBHERR LH30M 136880-1253 - Rear Right Wheel

Sample No: LH0284115

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### SAMPLE INFORMATION

Sample Number	LH0284115	LH0260550	LH0226450	---
Sample Date	15 Mar 2024	12 Sep 2023	13 Feb 2023	---
Machine Hours	5489	4272	2833	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

West Coast Metal Recycling

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

terry@gotmetal.ca

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#### OIL CONDITION

Visc @ 40°C	cSt	105	98.7	64.1	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	2	6	---
Sodium	ppm	<1	2	15	---
Potassium	ppm	0	1	2	---



#### WEAR METALS

Iron	ppm	6	8	16	---
Copper	ppm	1	4	11	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	2	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	46	387	3768	---
Magnesium	ppm	1	2	10	---
Zinc	ppm	27	188	1444	---
Phosphorus	ppm	1221	1279	1241	---
Barium	ppm	<1	0	<1	---
Boron	ppm	296	271	104	---

#### 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.

Depot: WES577LAN

Unique No: 5748643

Signed: Wes Davis

Report Date: 20 Mar 2024



### GRAPHS

