

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0260554

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**West Coast Metal Recycling**

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

terry@gotmetal.ca

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### SAMPLE INFORMATION

Sample Number	LH0260554	LH0226441	---	---
Sample Date	12 Sep 2023	13 Feb 2023	---	---
Machine Hours	4272	2833	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



### OIL CONDITION

Visc @ 40°C	cSt	98.8	64.2	---	---
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### CONTAMINATION

Silicon	ppm	2	6	---	---
Sodium	ppm	2	15	---	---
Potassium	ppm	<1	2	---	---



### WEAR METALS

Iron	ppm	8	15	---	---
Copper	ppm	4	11	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	389	3757	---	---
Magnesium	ppm	2	10	---	---
Zinc	ppm	189	1442	---	---
Phosphorus	ppm	1281	1235	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	270	103	---	---

### 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: 5645181

Signed: Bill Quesnel

Report Date: 21 Sep 2023



### GRAPHS

