

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0260552

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0260552	LH0226448	---	---
Sample Date	12 Sep 2023	13 Feb 2023	---	---
Machine Hours	4272	2833	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

West Coast Metal Recycling

5771 Production Way
Langley, BC
CA V3A 4N5
Contact: Terry .
terry@gotmetal.ca



OIL CONDITION

Visc @ 40°C	cSt	93.7	63.9	---	---
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CONTAMINATION

Silicon	ppm	3	4	---	---
Sodium	ppm	5	14	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	16	35	---	---
Copper	ppm	15	22	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	803	3631	---	---
Magnesium	ppm	3	9	---	---
Zinc	ppm	344	1414	---	---
Phosphorus	ppm	1249	1219	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	225	100	---	---

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: 5645178
Signed: Bill Quesnel
Report Date: 21 Sep 2023



GRAPHS

