

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0260553

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0260553	LH0226447	---	---
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	92.8	64.4	---	---
-------------	-----	------	------	-----	-----



CONTAMINATION

Silicon	ppm	2	4	---	---
Sodium	ppm	5	14	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	20	40	---	---
Copper	ppm	13	21	---	---
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	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	883	3623	---	---
Magnesium	ppm	4	9	---	---
Zinc	ppm	374	1416	---	---
Phosphorus	ppm	1234	1227	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	218	101	---	---

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: 5645180
Signed: Bill Quesnel
Report Date: 21 Sep 2023



GRAPHS

