

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369353)] LIEBHERR LH30M 136880-1253 - Transmission

Sample No: LH0260559

Oil Type: PETRO CANADA 10W40



West Coast Metal Recycling

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

terry@gotmetal.ca

T:

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SAMPLE INFORMATION

Sample Number	LH0260559	LH0226446	---	---
Sample Date	12 Sep 2023	13 Feb 2023	---	---
Machine Hours	4272	2833	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	54.7	48.7	---	---
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CONTAMINATION

Silicon	ppm	2	3	---	---
Sodium	ppm	20	35	---	---
Potassium	ppm	4	4	---	---



WEAR METALS

Iron	ppm	14	18	---	---
Copper	ppm	43	60	---	---
Lead	ppm	1	2	---	---
Tin	ppm	2	3	---	---
Aluminum	ppm	10	12	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	26	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	7	13	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	2373	3549	---	---
Magnesium	ppm	435	8	---	---
Zinc	ppm	1192	1163	---	---
Phosphorus	ppm	1133	1169	---	---
Barium	ppm	2	3	---	---
Boron	ppm	3	5	---	---

Diagnosis

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Aluminum ppm levels are abnormal. Torque converter wear is indicated. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: WES577LAN

Unique No: 5645098

Signed: Bill Quesnel

Report Date: 25 Sep 2023



GRAPHS

