

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0110847

Oil Type: PETRO CANADA 10W40



West Coast Metal Recycling
 5771 Production Way
 Langley, BC
 CA V3A 4N5
 Contact: Terry .
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 T:
 F:



Sample Information

Sample Number	LH0110847	LH0287999	LH0284118	---
Sample Date	18 Jun 2024	22 Mar 2024	15 Mar 2024	---
Machine Hours	6158	5000	5489	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---



Oil Condition

Visc @ 40°C	cSt	64.3	76.0	59.4	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	26	26	1	---
Sodium	ppm	5	5	10	---
Potassium	ppm	<1	<1	<1	---



Wear Metals

Iron	ppm	7	6	9	---
Copper	ppm	13	10	23	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	4	3	5	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	52	50	47	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	2	4	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	1284	1270	1655	---
Magnesium	ppm	793	839	778	---
Zinc	ppm	1150	1130	1199	---
Phosphorus	ppm	1062	969	1081	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	2	2	<1	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of dirt present in the fluid. The fluid is no longer serviceable due to the presence of contaminants.

Depot: WES577LAN
 Unique No: 5814276
 Signed: Kevin Marson
 Report Date: 19 Jul 2024



Graphs

