

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 150728-1216 - Transmission (Manual)

Sample No: LH0242070

Oil Type: PETRO CANADA DURON UHP E6 10W40



ABC RECYCLING

750C JACKSON RD

NANAIMO, BC

CA V9X 1J2

Contact: Jordie Richmond

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SAMPLE INFORMATION

Sample Number	LH0242070	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	50.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	32	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	25	---	---	---
Copper	ppm	35	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	58	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3268	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	1114	---	---	---
Phosphorus	ppm	1052	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	4	---	---	---

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 fluid. Additive levels indicate the addition of a different brand, or type of fluid. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: ABCNAN

Unique No: 5684392

Signed: Kevin Marson

Report Date: 28 Nov 2023



GRAPHS

