

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 150728-1216 - Transmission (Manual)

Sample No: LH0271869

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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 T: (250)202-8235  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0271869	LH0242070	---	---
Sample Date	09 Feb 2024	21 Nov 2023	---	---
Machine Hours	1066	500	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	52.9	50.5	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	22	32	---	---
Potassium	ppm	3	3	---	---



#### WEAR METALS

Iron	ppm	25	25	---	---
Copper	ppm	37	35	---	---
Lead	ppm	1	1	---	---
Tin	ppm	1	<1	---	---
Aluminum	ppm	3	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	23	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	47	58	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	2506	3268	---	---
Magnesium	ppm	377	8	---	---
Zinc	ppm	1156	1114	---	---
Phosphorus	ppm	1130	1052	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	4	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 20 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: ABCNAN  
 Unique No: 5735228  
 Signed: Kevin Marson  
 Report Date: 26 Feb 2024



### GRAPHS

