

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 156305-1215 - Transmission (Manual)

Sample No: LH0278469

Oil Type: TDTO FLUID SAE 20



Urban Mine
72 Rothwell Rd.
Winnipeg, MB
CA R3P 2H7
Contact: SERVICE

T: (204)774-0192
F:

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 20. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



SAMPLE INFORMATION

Sample Number	LH0278469	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	536	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	60.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	44	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	16	---	---	---
Copper	ppm	11	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3189	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1084	---	---	---
Phosphorus	ppm	1028	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	3	---	---	---

Depot: URBWIN
Unique No: 5734560
Signed: Wes Davis
Report Date: 22 Feb 2024

Submitted By: Vincent Blanchette



GRAPHS

