

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144157-1216 - Transmission (Manual)

Sample No: LH0255445

Oil Type: TDTO FLUID SAE 10W



CALGARY METALS (1985) LTD.
 3415 OGDEN RD. SE.
 CALGARY, AB
 CA T2G 4N4
 Contact: Steve Goodzeck
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 T: (403)262-4542
 F:



SAMPLE INFORMATION

Sample Number	LH0255445	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	2077	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 45.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 39	---	---	---
Potassium	ppm	● 4	---	---	---



WEAR METALS

Iron	ppm	● 27	---	---	---
Copper	ppm	● 32	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 4	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● 28	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 3487	---	---	---
Magnesium	ppm	● 9	---	---	---
Zinc	ppm	● 1179	---	---	---
Phosphorus	ppm	● 1094	---	---	---
Barium	ppm	● 1	---	---	---
Boron	ppm	● 5	---	---	---

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 10W. 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.

Depot: CAL341CAL
 Unique No: 5696963
 Signed: Wes Davis
 Report Date: 18 Dec 2023



GRAPHS

