

LIEBHERR

CONSTRUCTION EQUIPMENT



[[20230458]] LIEBHERR LH30M 145272-1253 - Transmission (I

Sample No: LH0250162

Oil Type: TDTO FLUID SAE 10W



SAMPLE INFORMATION

Sample Number	LH0250162	LH0250170	---	---
Sample Date	08 Sep 2023	05 Jun 2023	---	---
Machine Hours	1004	500	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Industrial Metals

550 Messier St.
Winnipeg, MB
CA R2J 0G5
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	56.0	46.8	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	3	4	---	---
Sodium	ppm	32	62	---	---
Potassium	ppm	3	2	---	---

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	14	21	---	---
Copper	ppm	21	30	---	---
Lead	ppm	1	1	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	26	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	20	44	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	2187	3500	---	---
Magnesium	ppm	420	10	---	---
Zinc	ppm	1132	1169	---	---
Phosphorus	ppm	1073	1181	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	3	5	---	---

Depot: IND550WIN
Unique No: 5645097
Signed: Bill Quesnel
Report Date: 21 Sep 2023



GRAPHS

