

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 144578-1253 - Transmission (Manual)

Sample No: LH0278617

Oil Type: PETRO CANADA 10W40



#### SAMPLE INFORMATION

Sample Number	LH0278617	LH0250056	---	---
Sample Date	16 Jan 2024	22 Mar 2023	---	---
Machine Hours	1200	498	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### Industrial Metals

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



#### OIL CONDITION

Visc @ 40°C	cSt	53.3	46.7	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	4	---	---
Sodium	ppm	32	49	---	---
Potassium	ppm	3	3	---	---

#### 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. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	30	16	---	---
Copper	ppm	28	17	---	---
Lead	ppm	1	1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	4	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	16	20	---	---
Vanadium	ppm	0	<1	---	---



#### ADDITIVES

Calcium	ppm	2945	3379	---	---
Magnesium	ppm	10	10	---	---
Zinc	ppm	1119	1143	---	---
Phosphorus	ppm	1060	1144	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	33	4	---	---

Depot: IND550WIN  
Unique No: 5710125  
Signed: Kevin Marson  
Report Date: 16 Jan 2024



### GRAPHS

