

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 146308-1215 - Transmission (Manual)

Sample No: LH0281090

Oil Type: PETRO CANADA 10W40



**RICHMOND STEEL RECYCLING**  
 955 ORD ROAD  
 KAMLOOPS, BC  
 CA V2B 7B5  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0281090	---	---	---
Sample Date	03 Jan 2024	---	---	---
Machine Hours	511	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	55.0	---	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	34	---	---	---
Potassium	ppm	4	---	---	---

#### 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 fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	10	---	---	---
Copper	ppm	21	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	3106	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	1093	---	---	---
Phosphorus	ppm	997	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	4	---	---	---

Depot: RIC955KAM  
 Unique No: 5708260  
 Signed: Kevin Marson  
 Report Date: 10 Jan 2024



### GRAPHS

