

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 1218-157090 - Transmission (Manual)

Sample No: LH0267074

Oil Type: GEAR OIL SAE 80W90



KINDER MORGAN
 4301 IVERSON
 TRINITY, AL
 US 35601
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Sample Information

Sample Number	LH0267074	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	2008	---	---	---
Oil Hours	1035	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



Oil Condition

Visc @ 40°C	cSt	94.1	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	2	---	---	---



Wear Metals

Iron	ppm	18	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	191	---	---	---
Magnesium	ppm	28	---	---	---
Zinc	ppm	147	---	---	---
Phosphorus	ppm	826	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	5	---	---	---

Diagnosis

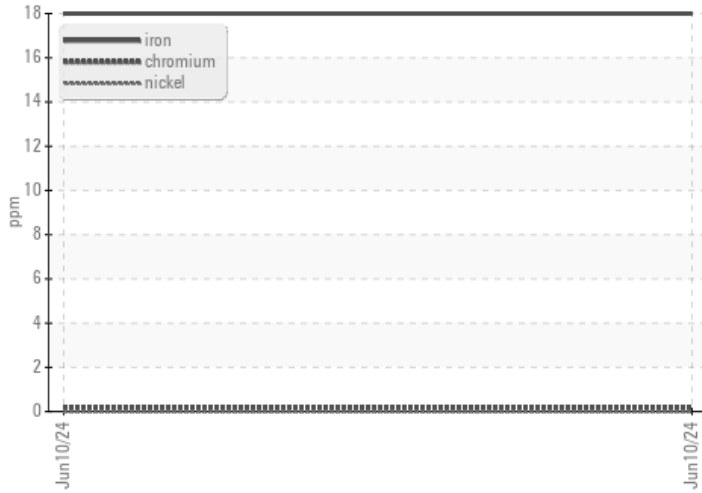
Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than normal. Confirm oil type.

Depot: KINTRI
 Unique No: 11089076
 Signed: Don Baldrige
 Report Date: 23 Jun 2024

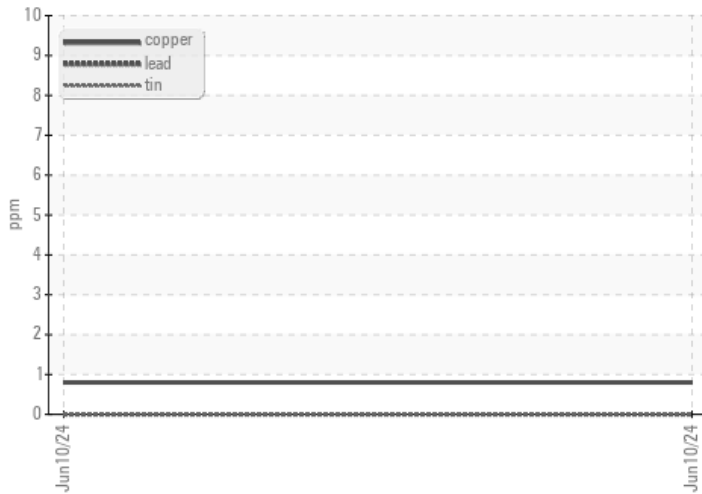


Graphs

Ferrous Alloys



Non-ferrous Metals



● Viscosity @ 40°C

