

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 1215-106088 - Transmission

Sample No: LH0272338
 Oil Type: DIESEL ENGINE OIL SAE 15W40



STUFF RECYCLING
 6169 LEXINGTON ROAD
 WINCHESTER, KY
 US 40391
 Contact: Service Manager



Sample Information

Sample Number	LH0272338	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	12076	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 43.0	---	---	---
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T:
F:



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 33	---	---	---
Potassium	ppm	● 1	---	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing wear is indicated. 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	● 107	---	---	---
Copper	ppm	● 460	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 3	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 23	---	---	---
Vanadium	ppm	● 0	---	---	---



Additives

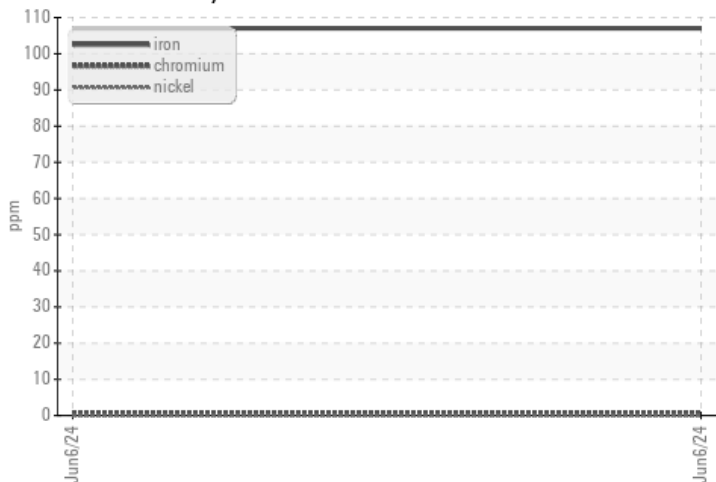
Calcium	ppm	● 3258	---	---	---
Magnesium	ppm	● 24	---	---	---
Zinc	ppm	● 1128	---	---	---
Phosphorus	ppm	● 1049	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 2	---	---	---

Depot: STUWIN
 Unique No: 11076877
 Signed: Don Baldrige
 Report Date: 17 Jun 2024

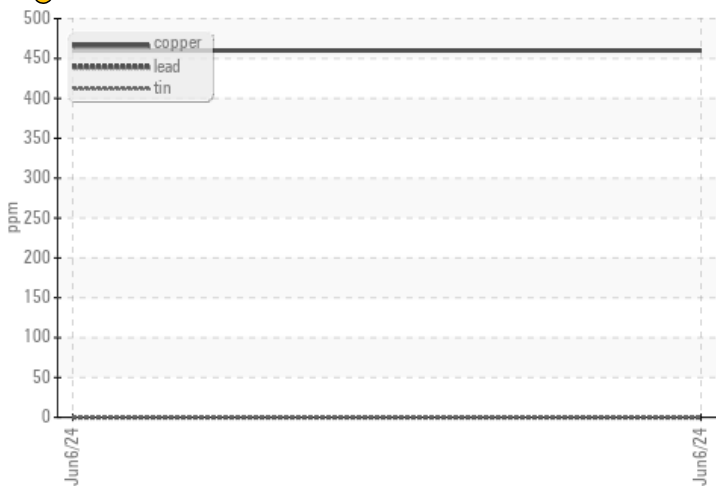


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

