

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 1216-121548 - Splitter Box

Sample No: LH0267181

Oil Type: GEAR OIL SAE 80W90



AMERICAN STATE EQUIPMENT CO.
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Sample Information

Sample Number	LH0267181	---	---	---
Sample Date	25 Apr 2024	---	---	---
Machine Hours	4279	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 117	---	---	---
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Contamination

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



Wear Metals

Iron	ppm	● 8	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	● 56	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 44	---	---	---
Phosphorus	ppm	● 862	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

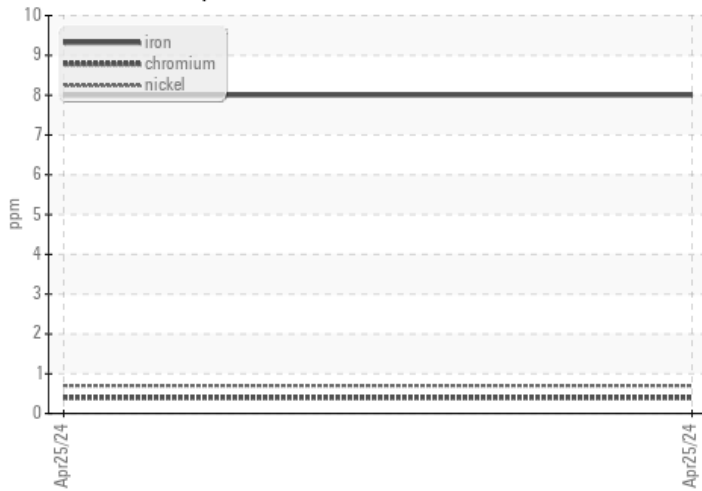
All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0008
 Unique No: 11019234
 Signed: Wes Davis
 Report Date: 10 May 2024

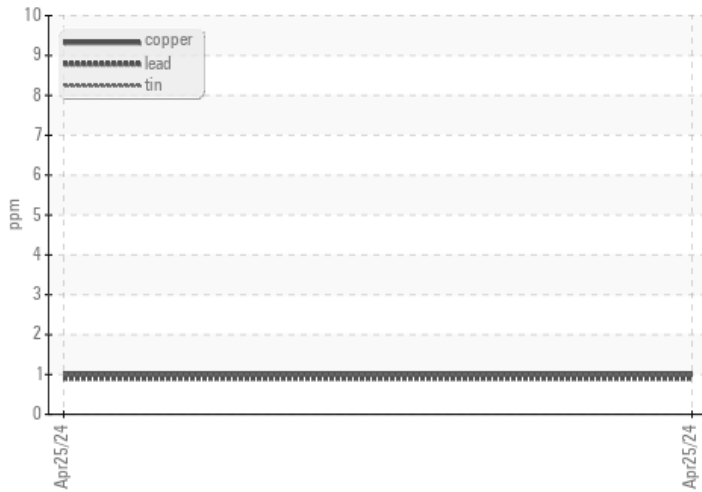


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

