

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586X 130383 (S/N 68254) - Transmission (Auto)

Sample No: LH0236307

Oil Type: LIEBHERR GEAR MF 80W



AMERICAN STATE EQUIPMENT CO.
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 US 54401
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SAMPLE INFORMATION

Sample Number	LH0236307	---	---	---
Sample Date	20 Jun 2023	---	---	---
Machine Hours	1354	---	---	---
Oil Hours	1354	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	45.0	---	---	---
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CONTAMINATION

Silicon	ppm	5	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	3180	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	1437	---	---	---
Phosphorus	ppm	1161	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	55	---	---	---

Diagnosis

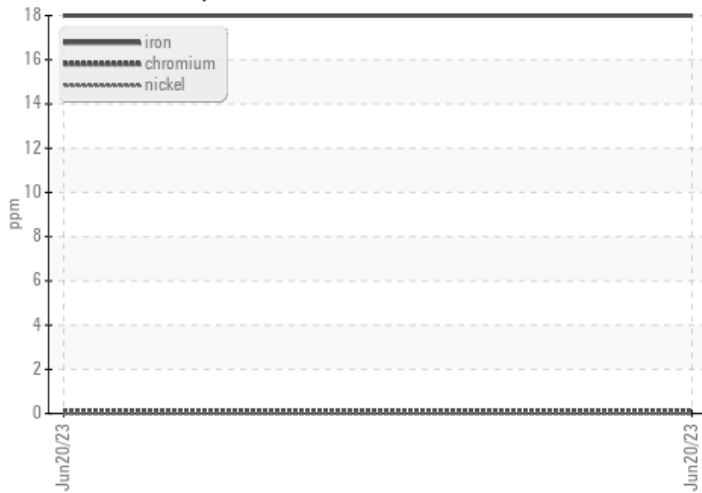
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0008
 Unique No: 10535792
 Signed: Jonathan Hester
 Report Date: 06 Jul 2023

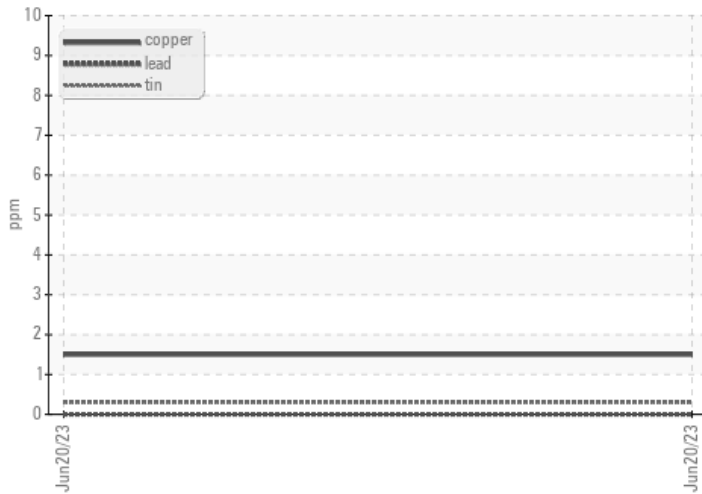


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

