

LIEBHERR

CONSTRUCTION EQUIPMENT



[[US GYPSUM]] - Splitter Box

Sample No: LH0254755

Oil Type: GEAR OIL SAE 90W140



LIEBHERR EQUIPMENT SOURCE
 6940 OCONNOR CAVE
 HANOVER, MD
 US 21076
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Sample Information

Sample Number	LH0254755	---	---	---
Sample Date	22 Apr 2024	---	---	---
Machine Hours	1850	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 361	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



Wear Metals

Iron	ppm	● 20	---	---	---
Copper	ppm	● 26	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	● 61	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 40	---	---	---
Phosphorus	ppm	● 1223	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

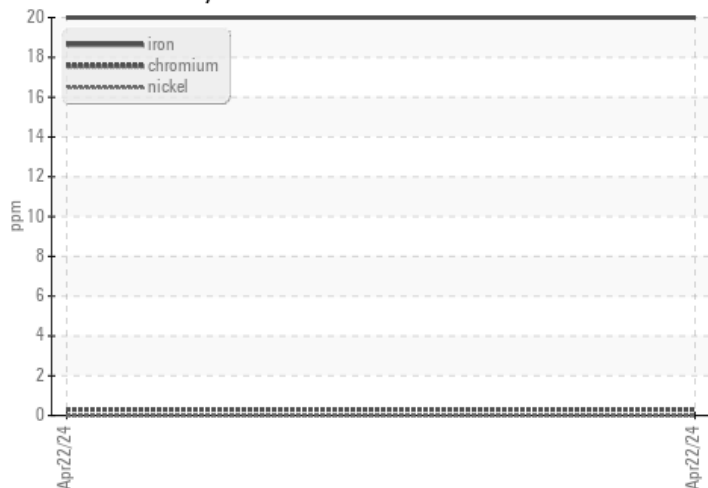
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRMD
Unique No: 10991865
Signed: Don Baldrige
Report Date: 24 Apr 2024

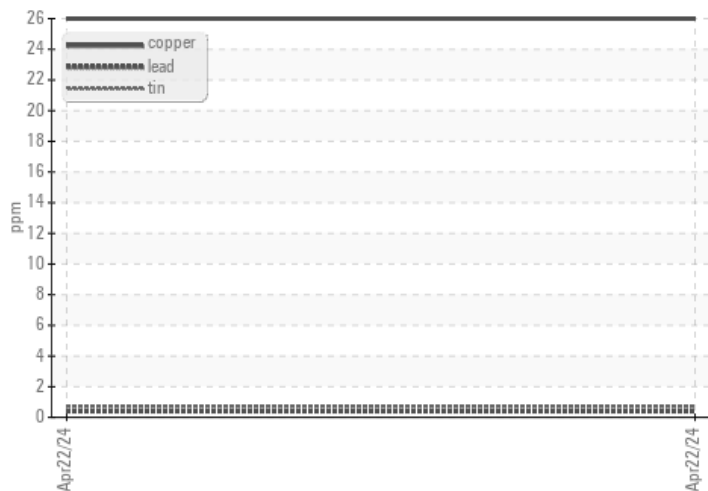


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

