

LIEBHERR

CONSTRUCTION EQUIPMENT



[[MICHAELS]] LIEBHERR R956 056678-1728 - Splitter Box

Sample No: LH0254646

Oil Type: LIEBHERR GEAR BASIC 90 LS



FINKBINER EQUIPMENT CO.
 15 W 400 N FRONTAGE RD
 BURR RIDGE, IL
 US 60527
 Contact: TROY MILLER
 tmiller@finkbiner.com
 T: (630)654-3700
 F: (630)654-3792



SAMPLE INFORMATION

Sample Number	LH0254646	---	---	---
Sample Date	03 Aug 2023	---	---	---
Machine Hours	804	---	---	---
Oil Hours	804	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 190	---	---	---
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CONTAMINATION

Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 243	---	---	---
Copper	ppm	● 97	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 10	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 16	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 44	---	---	---
Phosphorus	ppm	● 2256	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 9	---	---	---

Diagnosis

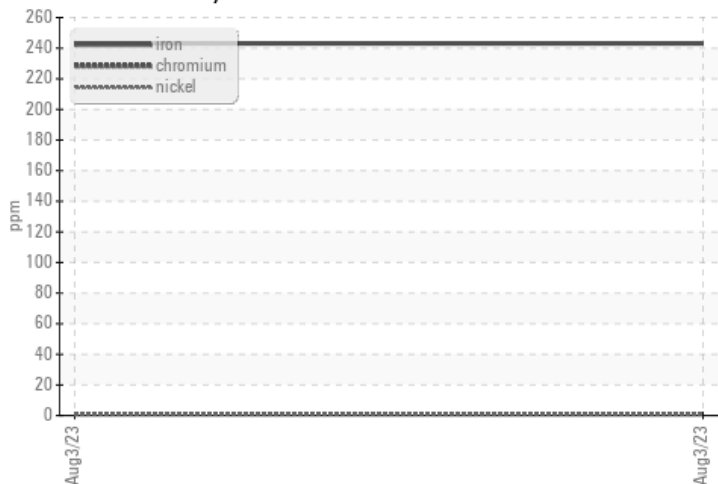
The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0033
Unique No: 10616954
Signed: Don Baldrige
Report Date: 24 Aug 2023

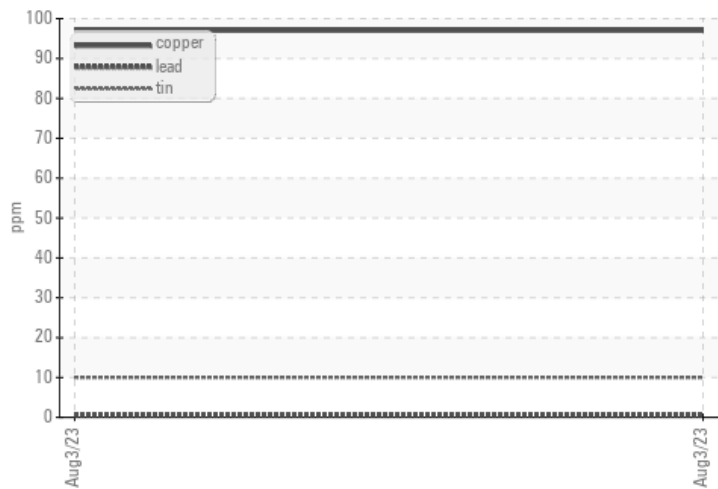


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

