

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R956 52985 - Left Final Drive

Sample No: LH0254052

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0254052	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	876	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STATE MACHINERY

160 WEST AIRLINE DR
 KENNER, LA
 US 70062
 Contact: MICHELLE SIMMONS
 MSIMMONS@STATEMACHINERY.COM
 T: x:
 F: x:



OIL CONDITION

Visc @ 40°C	cSt	● 194	---	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	● 110	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 19	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 20	---	---	---
Phosphorus	ppm	● 1188	---	---	---
Barium	ppm	● 10	---	---	---
Boron	ppm	● 7	---	---	---

Diagnosis

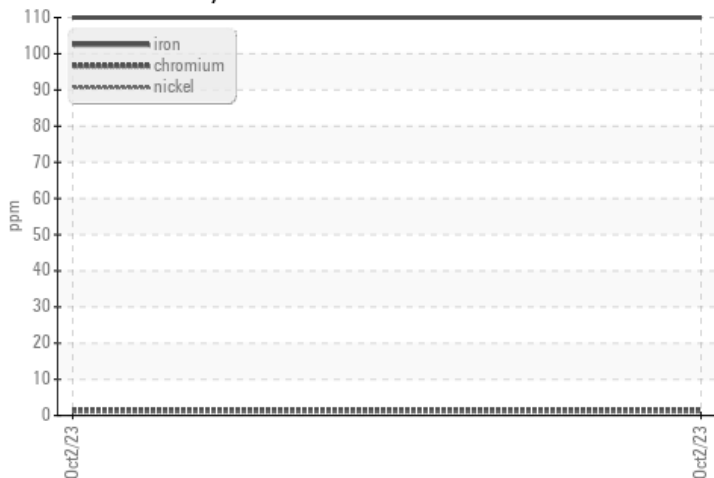
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: STAKEN
 Unique No: 10710247
 Signed: Sean Felton
 Report Date: 25 Oct 2023

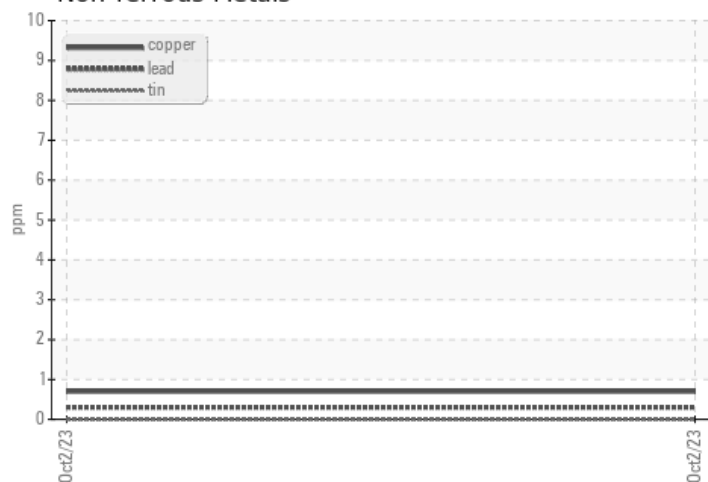


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

