

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60 115240-1529 - Right Wheel Hub

Sample No: LH0272836

Oil Type: LIEBHERR GEAR BASIC 90 LS



DAVIS INDUSTRIAL INC.
 9920 RICHMOND HIGHWAY
 LORTON, VA
 US 22079
 Contact: JAMIE
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 T:
 F:



SAMPLE INFORMATION

Sample Number	LH0272836	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	4719	---	---	---
Oil Hours	686	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 64	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● <1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 20	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 7	---	---	---
Phosphorus	ppm	● 903	---	---	---
Barium	ppm	● 10	---	---	---
Boron	ppm	● <1	---	---	---

Diagnosis

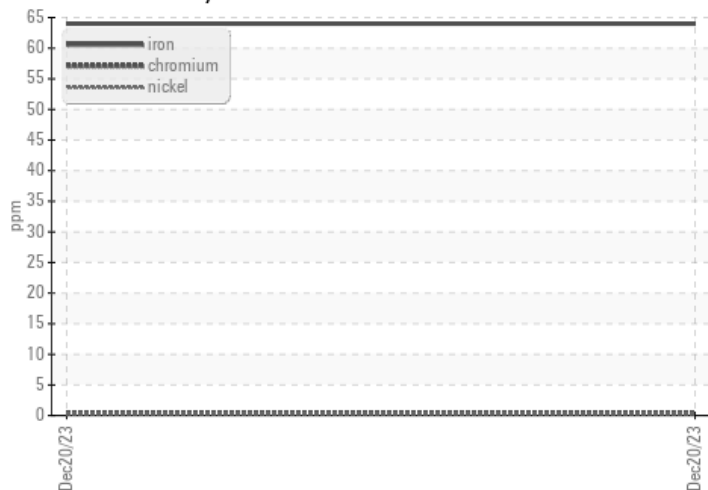
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: DAVLORVA
 Unique No: 10859959
 Signed: Don Baldrige
 Report Date: 04 Feb 2024

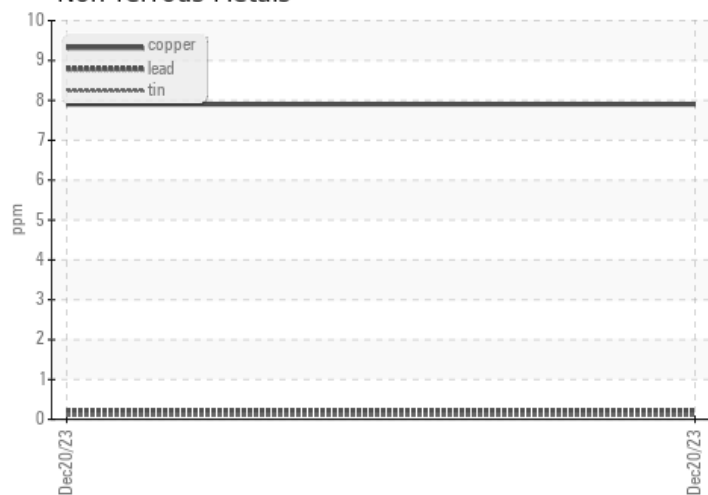


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

