

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SCRAP 58]] LIEBHERR LH26M 110210-1252 - Front Left Wheel

Sample No: LH0273580

Oil Type: LIEBHERR GEAR BASIC 90 LS



LIEBHERR EQUIPMENT SOURCE
 10119 RESIDENCY ROAD
 MANASSAS, VA
 US 20110
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Sample Information

Sample Number	LH0273580	LH0258154	---	---
Sample Date	10 May 2024	17 Jul 2023	---	---
Machine Hours	9388	7947	---	---
Oil Hours	0	7947	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ATTENTION	ATTENTION	---	---



Oil Condition

Visc @ 40°C	cSt	101	54.0	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	4	5	---	---
Sodium	ppm	15	21	---	---
Potassium	ppm	0	1	---	---



Wear Metals

Iron	ppm	64	52	---	---
Copper	ppm	25	43	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	1331	3467	---	---
Magnesium	ppm	0	5	---	---
Zinc	ppm	546	1505	---	---
Phosphorus	ppm	1712	1199	---	---
Barium	ppm	0	0	---	---
Boron	ppm	34	109	---	---

Diagnosis

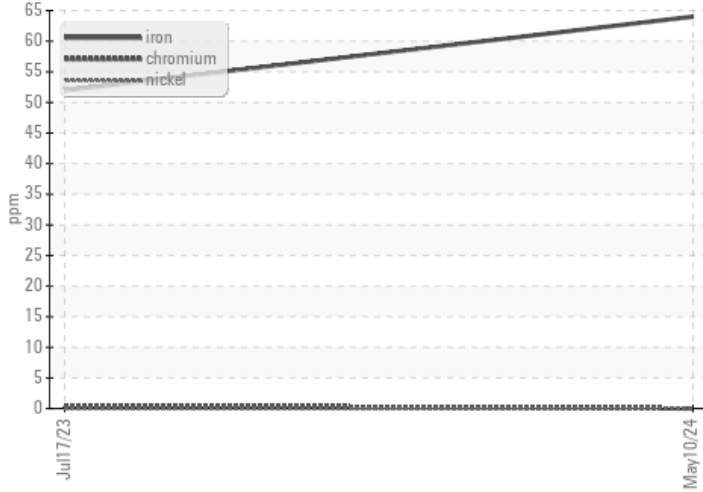
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: LIEBHERRVA
 Unique No: 11044869
 Signed: Sean Felton
 Report Date: 24 May 2024

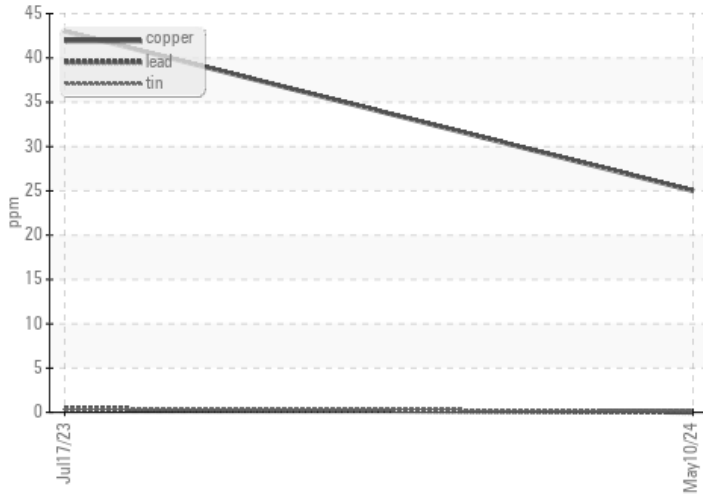


Graphs

Ferrous Alloys



Non-ferrous Metals



● Viscosity @ 40°C

