

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SCRAP 58]] LIEBHERR LH26M 110210-1252 - Front Right Whe

Sample No: LH0273578

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	LH0273578	LH0258153	---	---
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	53.8	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	14	19	---	---
Potassium	ppm	<1	2	---	---



Wear Metals

Iron	ppm	61	31	---	---
Copper	ppm	23	42	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	1273	3437	---	---
Magnesium	ppm	0	6	---	---
Zinc	ppm	523	1483	---	---
Phosphorus	ppm	1672	1170	---	---
Barium	ppm	0	0	---	---
Boron	ppm	29	103	---	---

Diagnosis

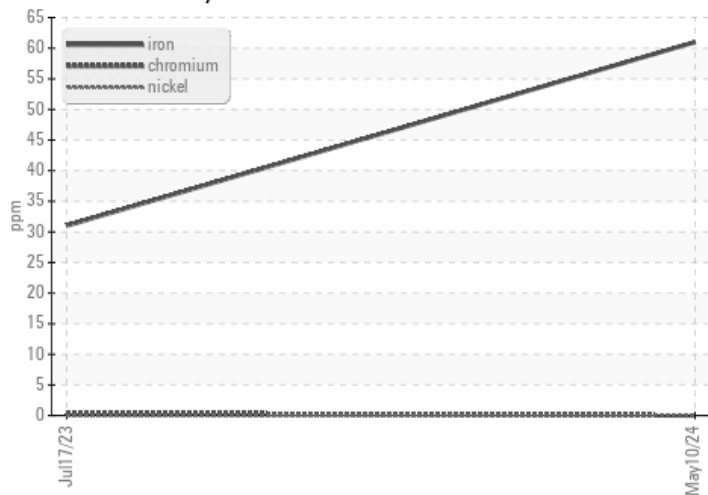
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different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

Depot: LIEBHERRVA
 Unique No: 11044871
 Signed: Sean Felton
 Report Date: 24 May 2024

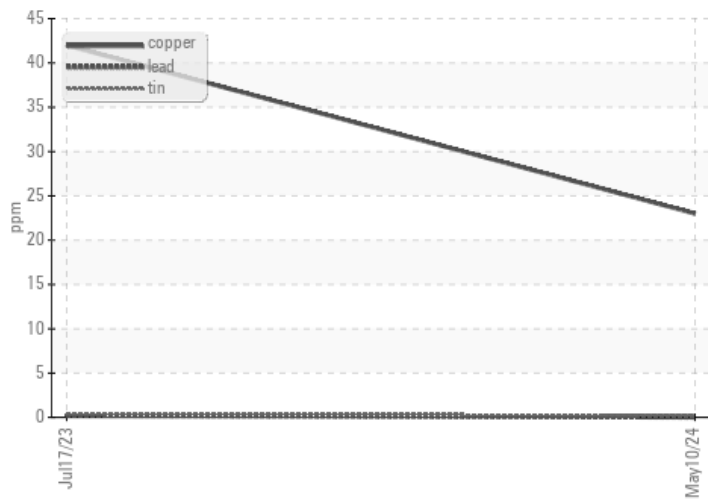


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

