

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SEAGATE TERMINALS]] - Splitter Box

Sample No: LH0273462

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0273462	LH0200584	---	---
Sample Date	10 May 2024	02 Mar 2022	---	---
Machine Hours	1901	415	---	---
Oil Hours	0	415	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR EQUIPMENT SOURCE

10119 RESIDENCY ROAD
MANASSAS, VA
US 20110

Contact: TOM HEINEY
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T: (703)392-0111
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Oil Condition

Visc @ 40°C	cSt	176	183	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	2	<1	---	---
Sodium	ppm	<1	5	---	---
Potassium	ppm	0	0	---	---



Wear Metals

Iron	ppm	21	13	---	---
Copper	ppm	3	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	53	62	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	92	24	---	---
Phosphorus	ppm	1980	2346	---	---
Barium	ppm	0	0	---	---
Boron	ppm	1	10	---	---

Diagnosis

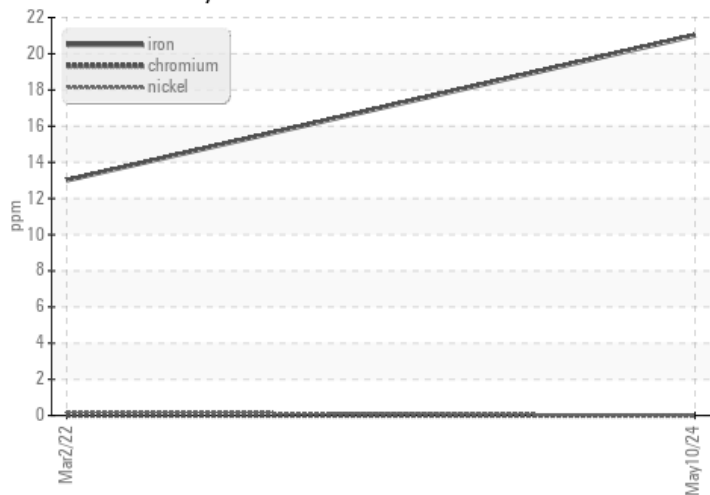
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRVA
Unique No: 11044866
Signed: Wes Davis
Report Date: 24 May 2024

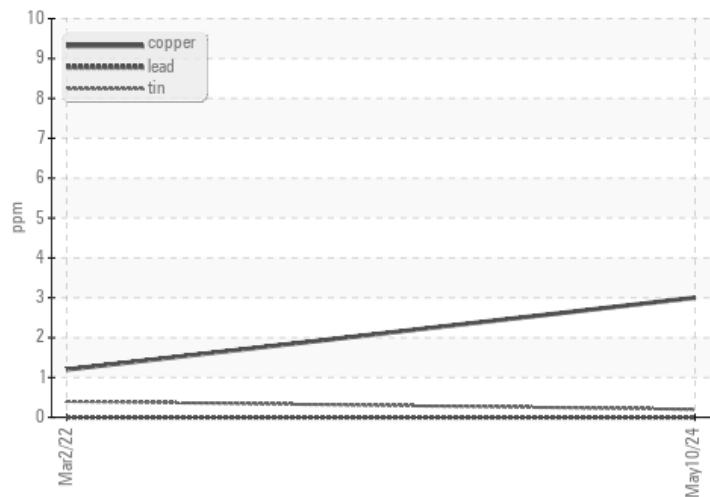


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

