

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH0264767 (S/N NOT GIVEN) - Swing Drive

Sample No: LH0264767

Oil Type: GEAR OIL LS 80W90



Sample Information

Sample Number	LH0264767	---	---	---
Sample Date	20 May 2024	---	---	---
Machine Hours	3013	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

AMERICAN STATE EQUIPMENT CO.
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 WAUSAU, WI
 US 54401
 Contact: CHRIS BARTNIK
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 T: (715)675-6900
 F: (715)675-9748



Oil Condition

Visc @ 40°C	cSt	● 122	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 3	---	---	---



Wear Metals

Iron	ppm	● 153	---	---	---
Copper	ppm	● 71	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 4	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 40	---	---	---
Magnesium	ppm	● 16	---	---	---
Zinc	ppm	● 34	---	---	---
Phosphorus	ppm	● 786	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	4	---	---	---

Diagnosis

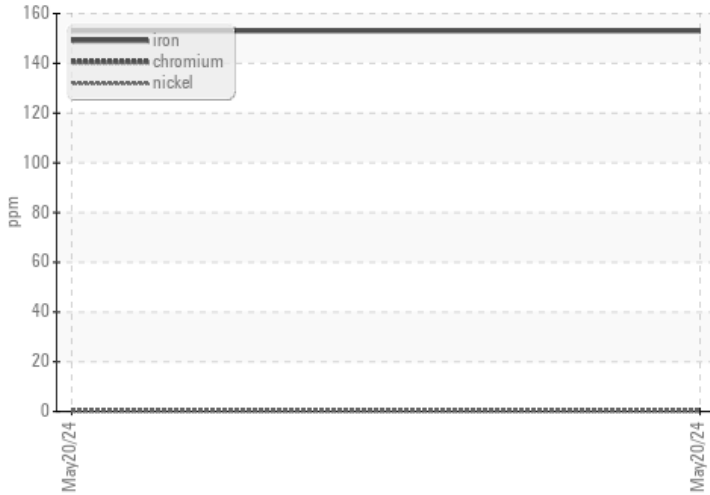
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0008
 Unique No: 11049892
 Signed: Wes Davis
 Report Date: 30 May 2024

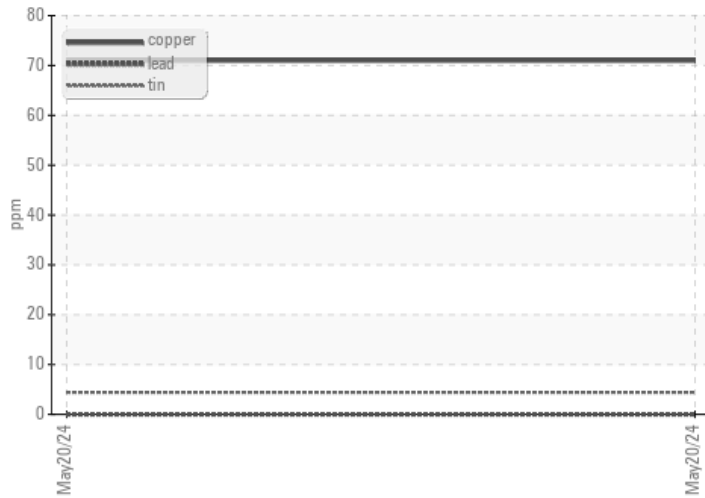


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

