

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 146882-1253 - Swing Drive

Sample No: LH0272377

Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC
 8075 PRODUCTION DRIVE
 FLORENCE, KY
 US 41042
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Sample Information

Sample Number	LH0272377	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	1002	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 182	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 4	---	---	---



Wear Metals

Iron	ppm	● 145	---	---	---
Copper	ppm	● 65	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 4	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	● 5	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	32	---	---	---
Phosphorus	ppm	● 1902	---	---	---
Barium	ppm	● 3	---	---	---
Boron	ppm	● 8	---	---	---

Diagnosis

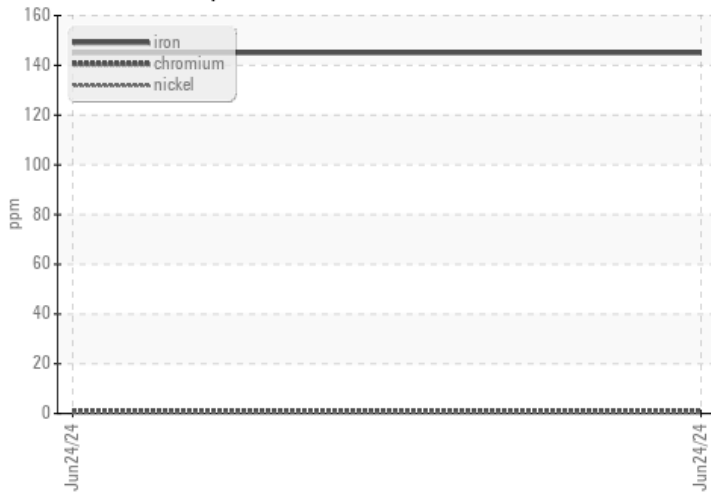
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0082
Unique No: 11103625
Signed: Wes Davis
Report Date: 02 Jul 2024

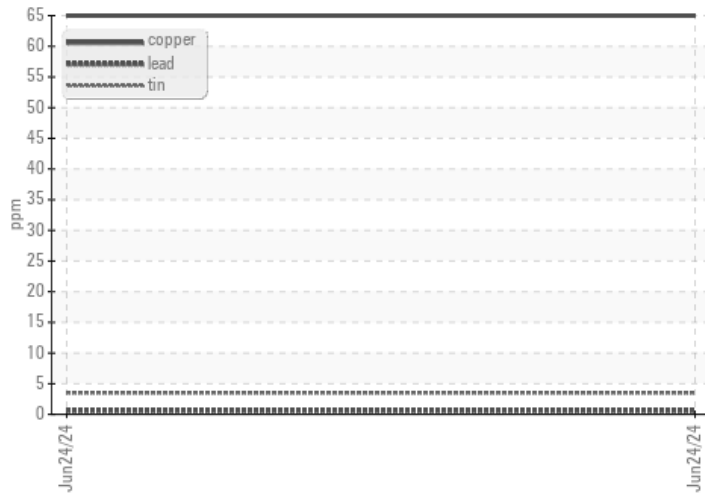


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

