

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 1203-88500 - Pump Drive

Sample No: LH0272500

Oil Type: GEAR OIL LS 80W90



SAMPLE INFORMATION

Sample Number	LH0272500	LH0254730	LH0236084	---
Sample Date	14 Dec 2023	17 May 2023	25 Jan 2023	---
Machine Hours	8417	7952	7490	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

TERX METALS

119 FIRST ST
BROKAW, WI
US 54417
Contact: MATT DYMORA
terxmaint@gmail.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	114	118	120	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	1	2	---
Sodium	ppm	1	2	9	---
Potassium	ppm	1	3	4	---



WEAR METALS

Iron	ppm	17	14	13	---
Copper	ppm	0	0	0	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	10	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	114	122	95	---
Magnesium	ppm	15	15	11	---
Zinc	ppm	57	68	58	---
Phosphorus	ppm	769	810	546	---
Barium	ppm	0	0	0	---
Boron	ppm	8	11	10	---

Diagnosis

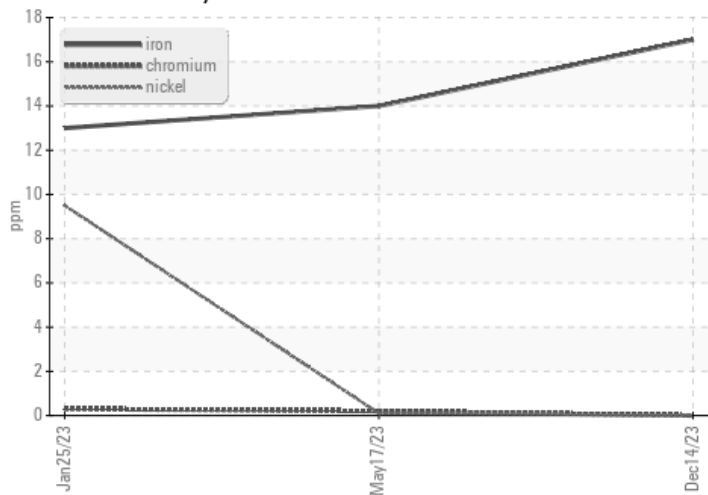
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: TERBRO
Unique No: 10806323
Signed: Don Baldrige
Report Date: 28 Dec 2023

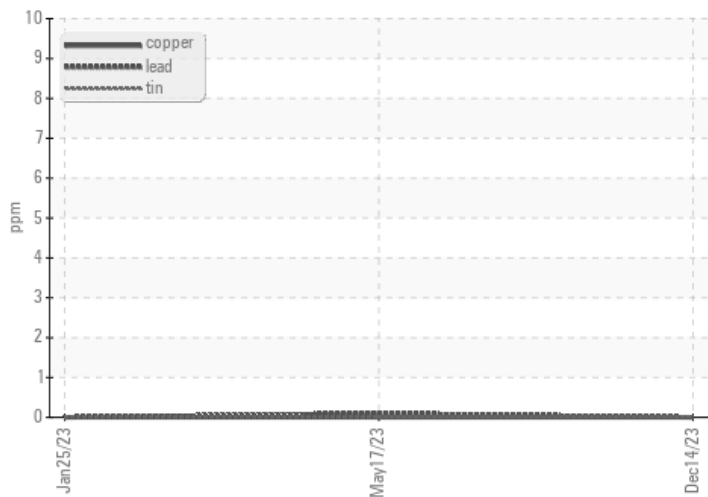


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

