

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LR636 022550-1725 - Left Final Drive

Sample No: LH0273235

Oil Type: LIEBHERR HYPOID 85W-140 EP



SAMPLE INFORMATION

Sample Number	LH0273235	LHMC100334	LHMC99023	---
Sample Date	02 Jan 2024	21 Dec 2022	14 Sep 2022	---
Machine Hours	1232	501	282	---
Oil Hours	731	501	282	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RECO EQUIPMENT INC.
 20620 ROUTE 19 NORTH
 CRANBERRY TOWNSHIP, PA
 US 16066
 Contact: RICK STARINCHAK
 RAS@RECOEQUIP.COM
 T: (724)779-4646
 F: (724)779-4611



OIL CONDITION

Visc @ 40°C	cSt	346	342	322	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	6	---
Sodium	ppm	0	3	3	---
Potassium	ppm	2	<1	0	---

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.



WEAR METALS

Iron	ppm	35	32	61	---
Copper	ppm	12	11	18	---
Lead	ppm	<1	<1	0	---
Tin	ppm	1	<1	<1	---
Aluminum	ppm	2	<1	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

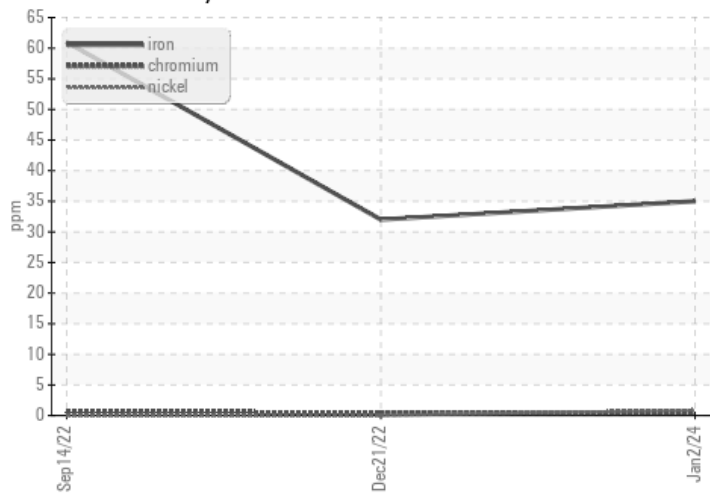
Calcium	ppm	29	34	31	---
Magnesium	ppm	<1	<1	1	---
Zinc	ppm	6	19	16	---
Phosphorus	ppm	1084	1107	995	---
Barium	ppm	0	13	29	---
Boron	ppm	<1	0	9	---

Depot: LEC0070
Unique No: 10821037
Signed: Wes Davis
Report Date: 10 Jan 2024

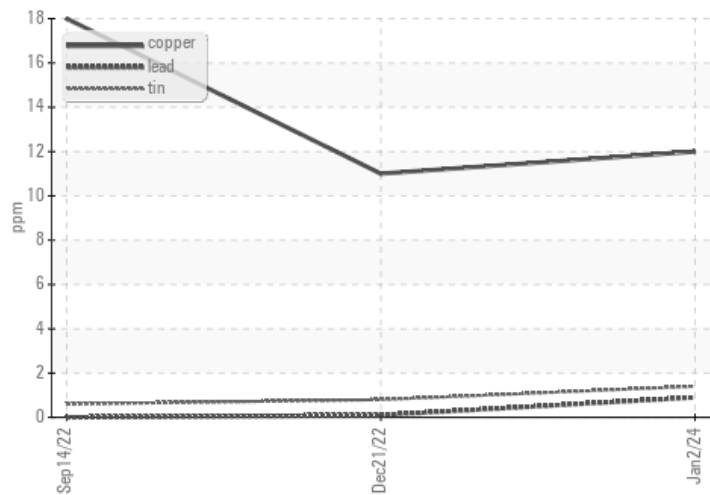


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

