

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LR636 022550-1725 - Right Final Drive

Sample No: LH0273234

Oil Type: LIEBHERR HYPOID 85W-140 EP



#### SAMPLE INFORMATION

Sample Number	LH0273234	LHMC100325	LHMC79976	---
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	352	345	325	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	6	---
Sodium	ppm	<1	4	3	---
Potassium	ppm	0	<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	42	50	66	---
Copper	ppm	14	11	19	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	1	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	1	2	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

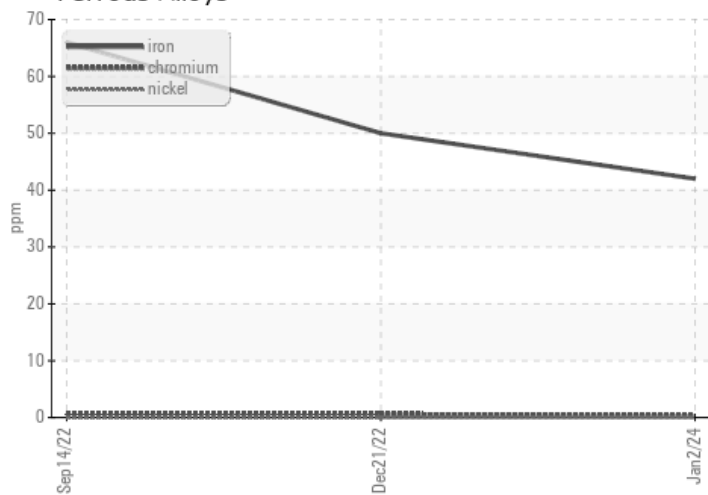
Calcium	ppm	18	14	60	---
Magnesium	ppm	1	<1	1	---
Zinc	ppm	17	10	24	---
Phosphorus	ppm	1183	1126	1074	---
Barium	ppm	4	8	32	---
Boron	ppm	0	2	3	---

Depot: LEC0070  
 Unique No: 10833632  
 Signed: Wes Davis  
 Report Date: 18 Jan 2024

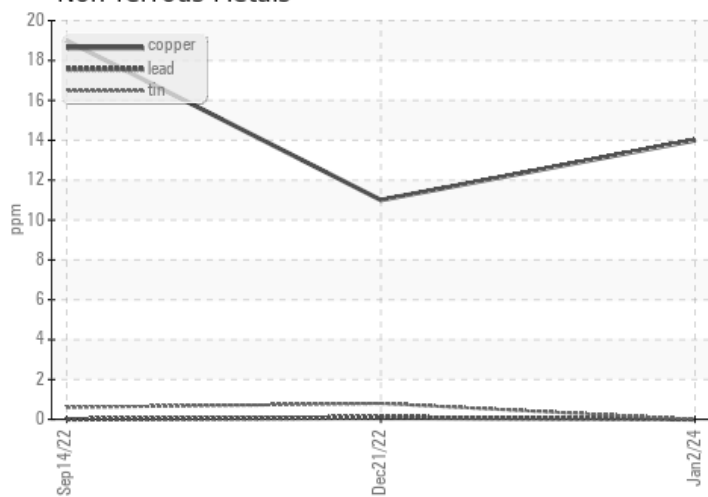


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

