

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LR636 018687-1275 - Right Final Drive

Sample No: LH0273228

Oil Type: GEAR OIL LS 80W90



#### SAMPLE INFORMATION

Sample Number	LH0273228	LHMC100335	LHMC99400	LHMC79935
Sample Date	02 Jan 2024	14 Jun 2023	21 Dec 2022	13 Sep 2022
Machine Hours	3251	2868	2276	1856
Oil Hours	1395	592	2276	550
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

**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	332	294	291	149
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	14	26	26	1
Copper	ppm	10	24	20	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	1	<1	1	0
Aluminum	ppm	2	0	<1	0
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	7	12	17
Magnesium	ppm	2	0	<1	0
Zinc	ppm	0	5	10	3
Phosphorus	ppm	1016	1173	1235	1390
Barium	ppm	0	0	4	0
Boron	ppm	7	15	19	168

#### Diagnosis

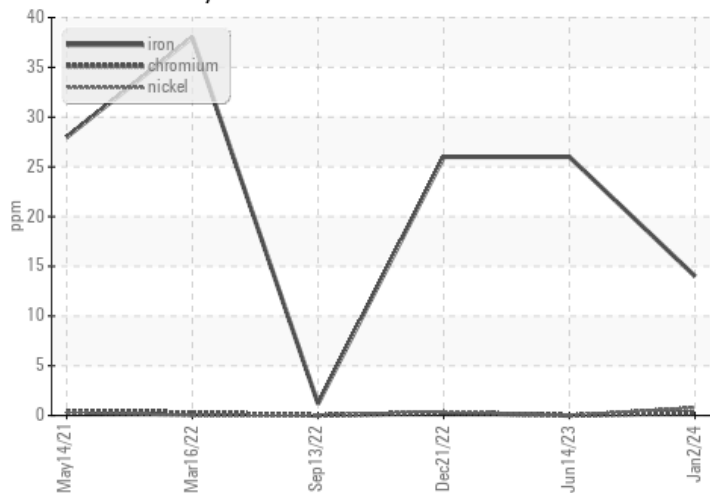
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0070  
 Unique No: 10821039  
 Signed: Wes Davis  
 Report Date: 10 Jan 2024

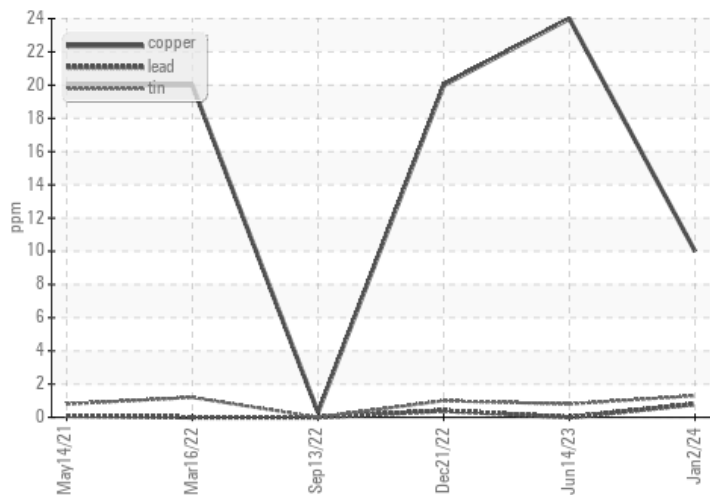


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

