

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LR636 020166-1275 - Left Final Drive

Sample No: LH0244574

Oil Type: LIEBHERR HYPOID 85W-140 EP



LIEBHERR EQUIPMENT SOURCE
 8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
 Contact: JOSEPH GERMEROOTH
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 T:
 F: (919)329-0084



SAMPLE INFORMATION

Sample Number	LH0244574	LH0257477	---	---
Sample Date	10 Jan 2024	22 May 2023	---	---
Machine Hours	1535	914	---	---
Oil Hours	622	500	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	329	329	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	<1	5	---	---
Potassium	ppm	2	1	---	---



WEAR METALS

Iron	ppm	67	43	---	---
Copper	ppm	57	36	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	27	35	---	---
Magnesium	ppm	1	14	---	---
Zinc	ppm	32	39	---	---
Phosphorus	ppm	1194	1068	---	---
Barium	ppm	51	45	---	---
Boron	ppm	0	3	---	---

Diagnosis

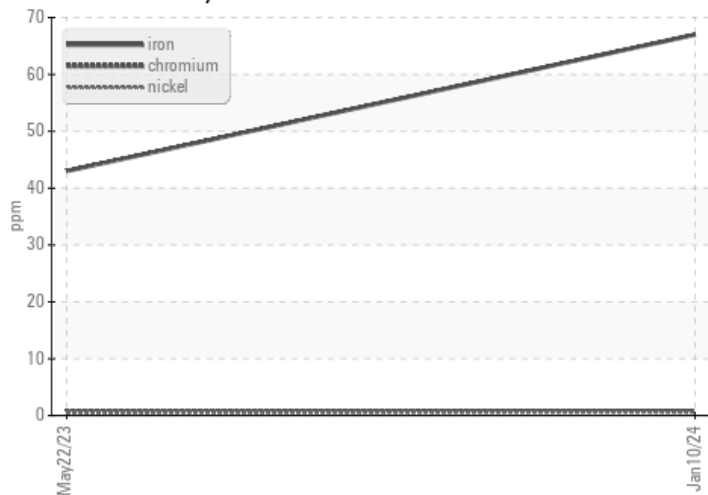
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRNC
 Unique No: 10831023
 Signed: Jonathan Hester
 Report Date: 16 Jan 2024

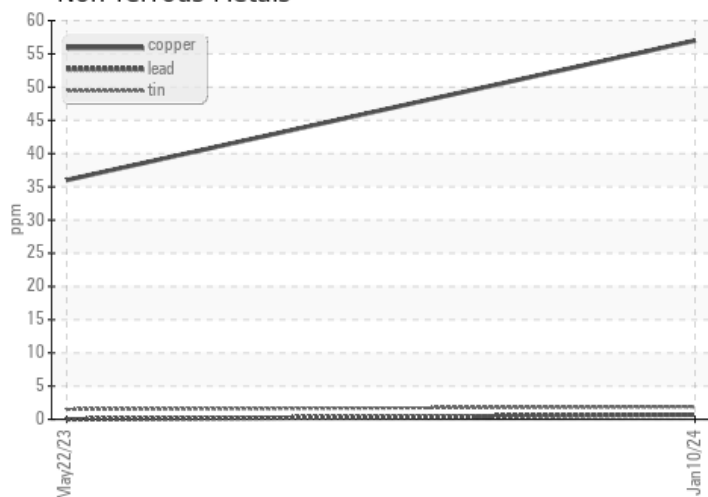


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

