

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736LGP 018903-1155 - Left Final Drive

Sample No: LH0268578

Oil Type: LIEBHERR HYPOID 85W-140 EP



LIEBHERR EQUIPMENT SOURCE
 8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
 Contact: Timothy Bailey
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 T:
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SAMPLE INFORMATION

Sample Number	LH0268578	LH0174110	---	---
Sample Date	05 Feb 2024	02 Mar 2021	---	---
Machine Hours	1317	450	---	---
Oil Hours	867	450	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	351	329	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	44	47	---	---
Copper	ppm	19	21	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	0	14	---	---
Magnesium	ppm	0	1	---	---
Zinc	ppm	11	12	---	---
Phosphorus	ppm	1198	975	---	---
Barium	ppm	19	52	---	---
Boron	ppm	2	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.

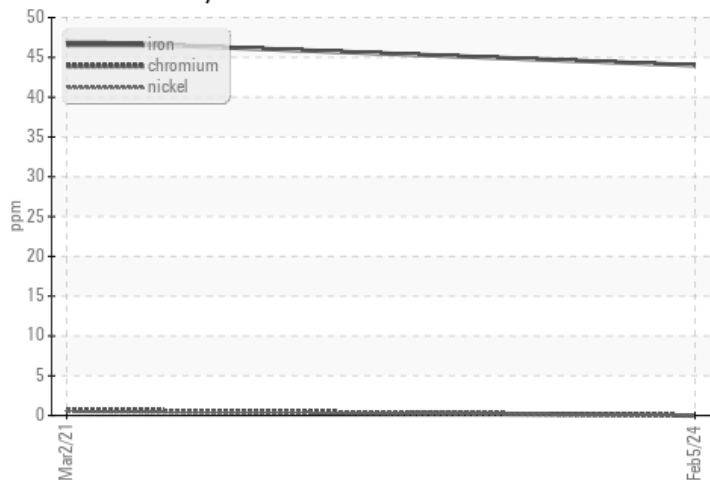
Depot: LIEBHERRNC
 Unique No: 10863729
 Signed: Wes Davis
 Report Date: 07 Feb 2024

Submitted By: TAYLOR BLALOCK

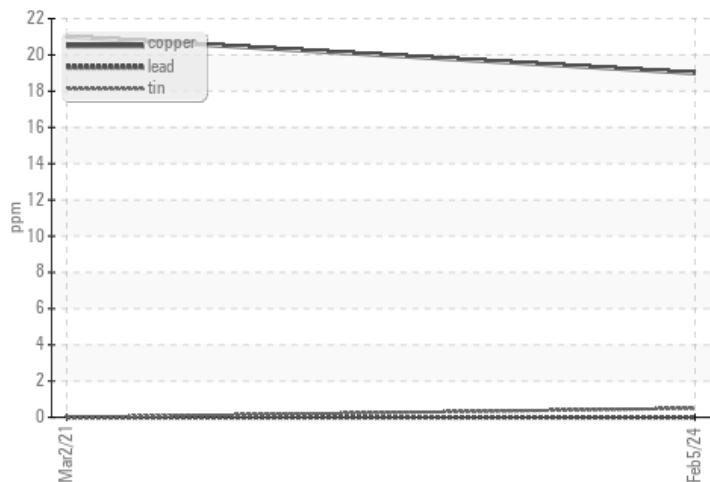


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

