

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LR636 022844-1725 - Right Final Drive

Sample No: LH0243971

Oil Type: LIEBHERR HYPOID 85W-140 EP



LIEBHERR EQUIPMENT SOURCE
 10119 RESIDENCY ROAD
 MANASSAS, VA
 US 20110
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SAMPLE INFORMATION

Sample Number	LH0243971	---	---	---
Sample Date	10 Aug 2023	---	---	---
Machine Hours	527	---	---	---
Oil Hours	527	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 202	---	---	---
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CONTAMINATION

Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

Iron	ppm	● 75	---	---	---
Copper	ppm	● 56	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 2	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 279	---	---	---
Magnesium	ppm	● 6	---	---	---
Zinc	ppm	● 164	---	---	---
Phosphorus	ppm	● 1015	---	---	---
Barium	ppm	● 68	---	---	---
Boron	ppm	● <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRVA
 Unique No: 10635945
 Signed: Don Baldrige
 Report Date: 10 Sep 2023

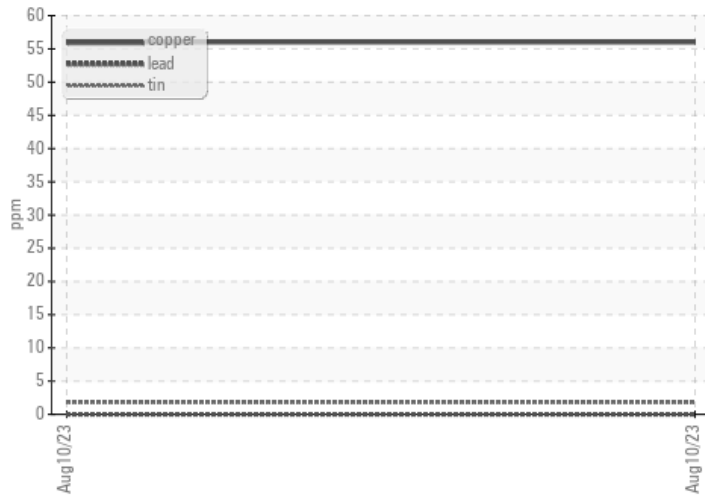


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

