

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R930 056356-1716 - Right Final Drive

Sample No: LH0258223

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0258223	---	---	---
Sample Date	22 May 2023	---	---	---
Machine Hours	475	---	---	---
Oil Hours	475	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ACECO
 10119 RESIDENCY ROAD
 MANASSAS, VA
 US 20110
 Contact: RON BROCK



OIL CONDITION

Visc @ 40°C	cSt	● 197	---	---	---
-------------	-----	-------	-----	-----	-----

T: (703)392-0111
 F: (703)331-5604



CONTAMINATION

Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 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.



WEAR METALS

Iron	ppm	● 150	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 27	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 19	---	---	---
Phosphorus	ppm	● 1162	---	---	---
Barium	ppm	● 24	---	---	---
Boron	ppm	● <1	---	---	---

Depot: ACEMAN
Unique No: 10635944
Signed: Don Baldrige
Report Date: 10 Sep 2023

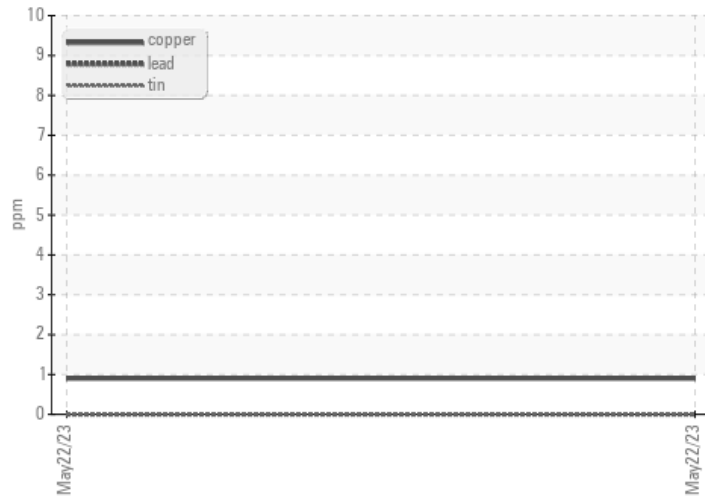


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

