

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 119208-1217 - Rear Right Wheel Hub

Sample No: LH0257448

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0257448	LH0200264	---	---
Sample Date	05 Jul 2023	30 Nov 2022	---	---
Machine Hours	3275	1763	---	---
Oil Hours	700	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

TT & E IRON

1529 WEST GARNER RD
GARNER, NC
US 27529

Contact: MICHAEL STANCIL

culaterproowler@aol.com

T: (919)524-4326

F:



OIL CONDITION

Visc @ 40°C	cSt	150	154	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	3	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	99	131	---	---
Copper	ppm	2	8	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	6	19	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	10	37	---	---
Phosphorus	ppm	1110	1084	---	---
Barium	ppm	58	81	---	---
Boron	ppm	152	149	---	---

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: TTENEW

Unique No: 10551147

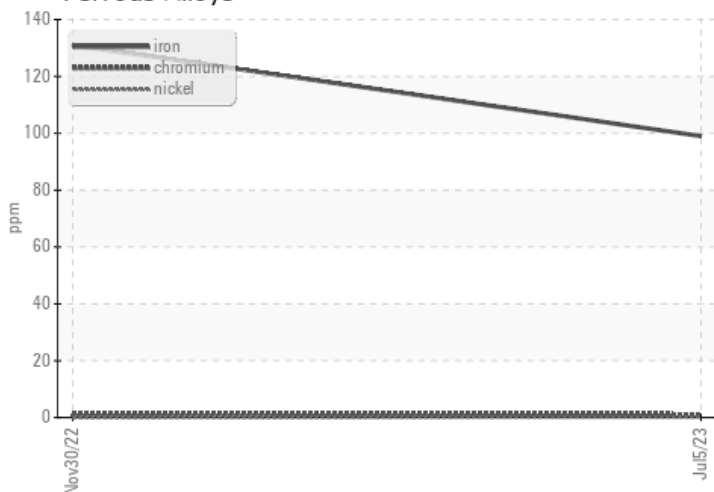
Signed: Sean Felton

Report Date: 12 Jul 2023

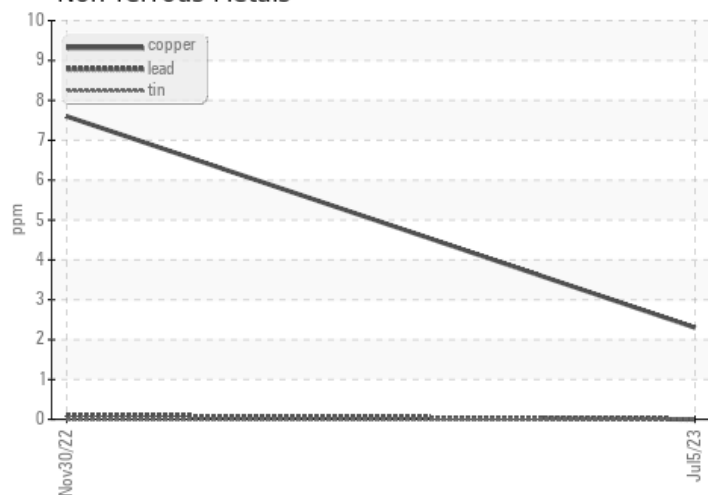


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

