

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 117421-1217 - Rear Right Wheel Hub

Sample No: LH0267289

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0267289	LH0220143	LH0217517	---
Sample Date	26 Dec 2023	24 Feb 2023	01 Mar 2022	---
Machine Hours	5377	3454	1190	---
Oil Hours	0	1000	1190	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

TT & E IRON

1529 WEST GARNER RD
GARNER, NC
US 27529
Contact: MICHAEL STANCIL
culaterprowler@aol.com
T: (919)524-4326
F:



OIL CONDITION

Visc @ 40°C	cSt	134	150	146	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	5	3	---
Sodium	ppm	2	2	2	---
Potassium	ppm	2	2	4	---

Diagnosis

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



WEAR METALS

Iron	ppm	28	84	9	---
Copper	ppm	27	9	3	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	2	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

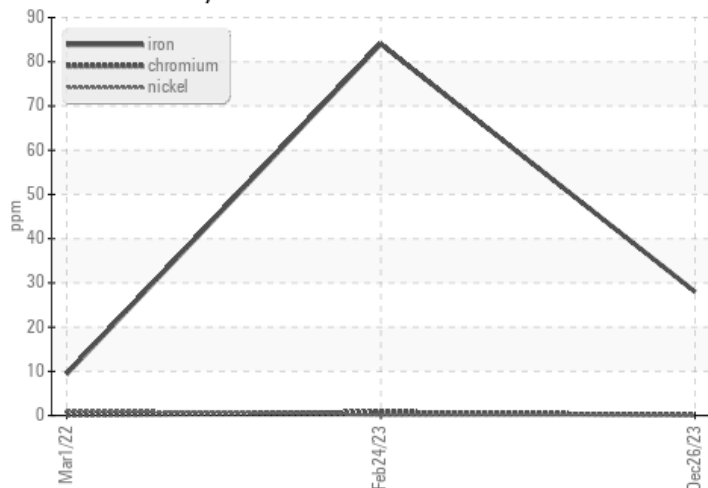
Calcium	ppm	40	51	34	---
Magnesium	ppm	5	5	3	---
Zinc	ppm	28	38	13	---
Phosphorus	ppm	807	917	652	---
Barium	ppm	174	192	154	---
Boron	ppm	3	2	4	---

Depot: TTENEW
Unique No: 10817112
Signed: Don Baldrige
Report Date: 05 Jan 2024

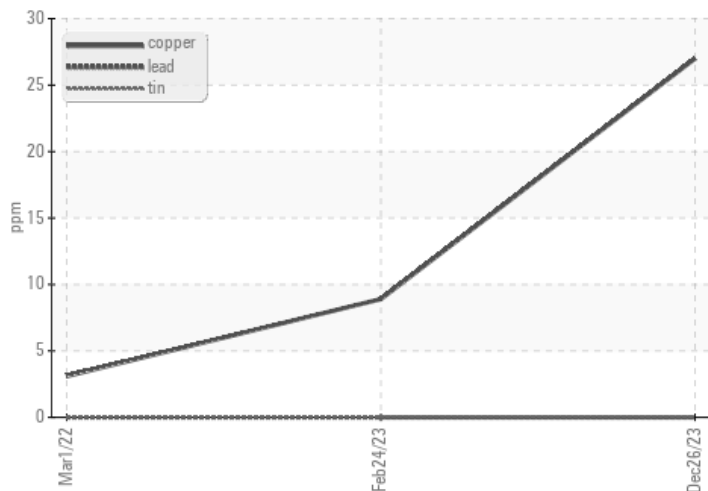


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

