

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LR1250.1 LH35298 - Front Left Wheel Hub

Sample No: LH0267533

Oil Type: GEAR OIL SAE 80W90



#### Sample Information

Sample Number	<b>LH0267533</b>	LH0280576	LH0280565	---
Sample Date	<b>18 Apr 2024</b>	23 Feb 2024	30 Jan 2024	---
Machine Hours	<b>1623</b>	995	534	---
Oil Hours	<b>628</b>	0	0	---
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**KINDER MORGAN**

4301 IVERSON

TRINITY, AL

US 35601

Contact: CHIP OAKES



#### Oil Condition

Visc @ 40°C	cSt	<b>118</b>	173	174	---
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T: (256)350-0006

F: (256)355-5250



#### Contamination

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>4</b>	16	15	---
Sodium	ppm	<b>0</b>	3	0	---
Potassium	ppm	<b>0</b>	1	2	---

#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	<b>23</b>	41	32	---
Copper	ppm	<b>0</b>	<1	0	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>0</b>	1	2	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>2</b>	0	0	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	0	---
Vanadium	ppm	<b>0</b>	0	0	---



#### Additives

Calcium	ppm	<b>149</b>	143	146	---
Magnesium	ppm	<b>0</b>	2	<1	---
Zinc	ppm	<b>75</b>	25	5	---
Phosphorus	ppm	<b>432</b>	1542	1311	---
Barium	ppm	<b>0</b>	0	5	---
Boron	ppm	<b>&lt;1</b>	3	7	---

Depot: KINTRI

Unique No: 11002950

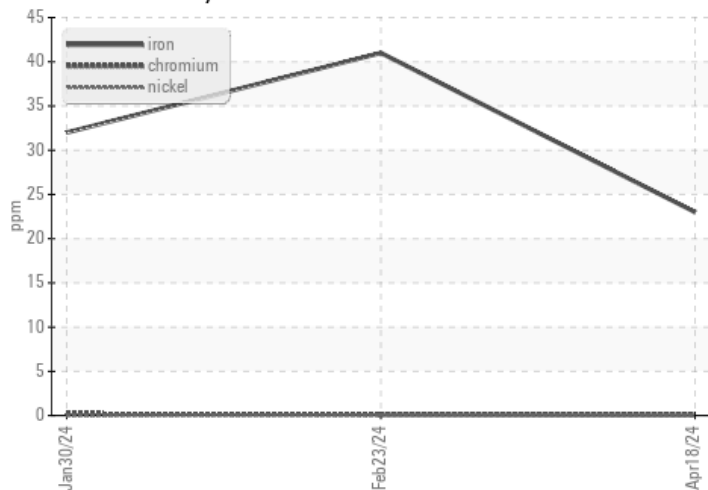
Signed: Wes Davis

Report Date: 29 Apr 2024

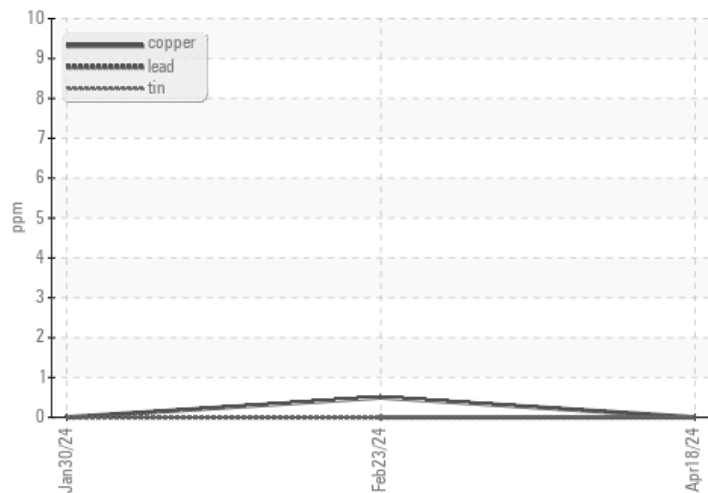


### Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

