

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A944 038730-194 - Splitter Box

Sample No: LH0264408

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0264408	LH0185264	LH0185161	---
Sample Date	28 Jun 2023	29 Jan 2021	29 Jan 2021	---
Machine Hours	29970	27384	27384	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

#### ALTER METAL

2080 SPINDT DR

WAUPACA, WI

US 54981

Contact: MARK DEROZIER

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#### OIL CONDITION

Visc @ 40°C	cSt	143	64.9	172	---
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#### CONTAMINATION

Silicon	ppm	1	8	6	---
Sodium	ppm	0	2	3	---
Potassium	ppm	3	1	12	---



#### WEAR METALS

Iron	ppm	7	43	146	---
Copper	ppm	4	9	186	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	2	6	---
Chromium	ppm	0	<1	2	---
Molybdenum	ppm	<1	2	2	---
Nickel	ppm	0	0	1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	10	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	36	90	115	---
Magnesium	ppm	5	17	0	---
Zinc	ppm	28	212	188	---
Phosphorus	ppm	657	343	828	---
Barium	ppm	2	0	0	---
Boron	ppm	5	9	5	---

#### 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: ALTWAUWI

Unique No: 10546766

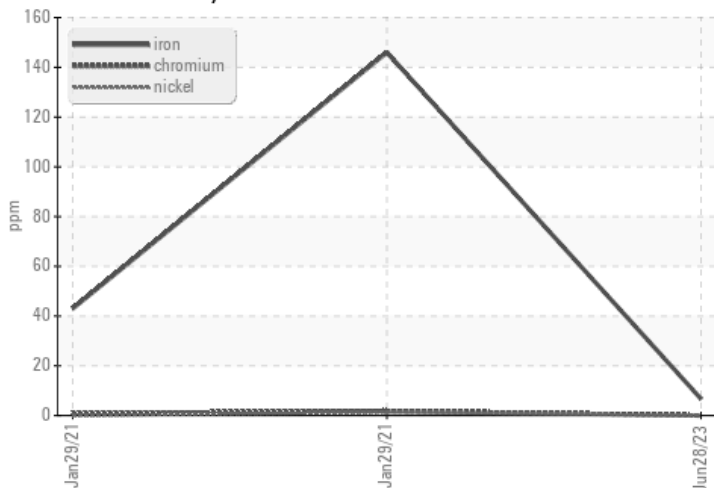
Signed: Angela Borella

Report Date: 07 Jul 2023

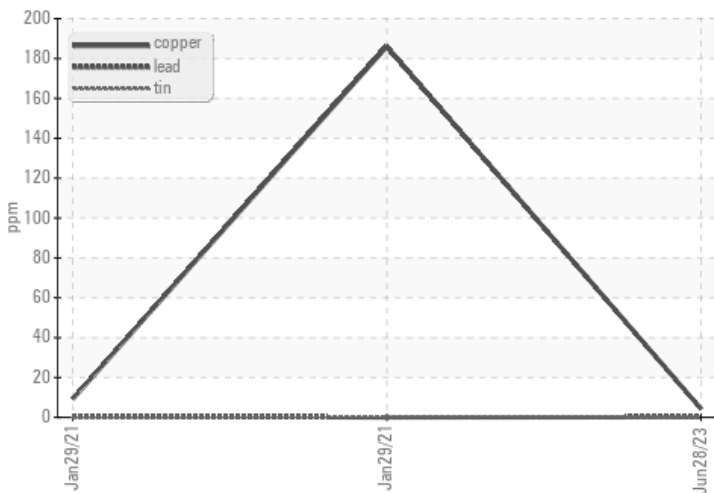


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

