

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[DEAN PATTERSON]] LIEBHERR PR726LGP 019493-1331- Diesel

Sample No: LH0244605

Oil Type: LIEBHERR MOTOROIL 5W30



#### SAMPLE INFORMATION

Sample Number	LH0244605	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	1618	---	---	---
Oil Hours	580	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**LIEBHERR EQUIPMENT SOURCE**  
 8200 FAYETTEVILLE ROAD  
 RALEIGH, NC  
 US 27603  
 Contact: JOSEPH GERMEROOTH  
 joseph.germerooth@liebherr.com  
 T:  
 F: (919)329-0084



#### OIL CONDITION

Visc @ 100°C	cSt	13.2	---	---	---
Base Number (BN)	mg KOH/g	6.3	---	---	---
Oxidation (PA)	%	88	---	---	---

#### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



#### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	82	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	4	---	---	---



#### WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	35	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

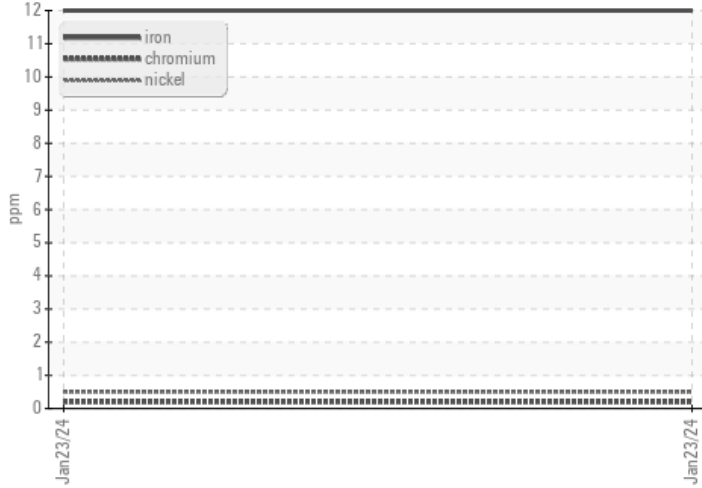
Calcium	ppm	1406	---	---	---
Magnesium	ppm	703	---	---	---
Zinc	ppm	919	---	---	---
Phosphorus	ppm	787	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	105	---	---	---

**Depot:** LIEBHERRNC  
**Unique No:** 10847992  
**Signed:** Wes Davis  
**Report Date:** 29 Jan 2024

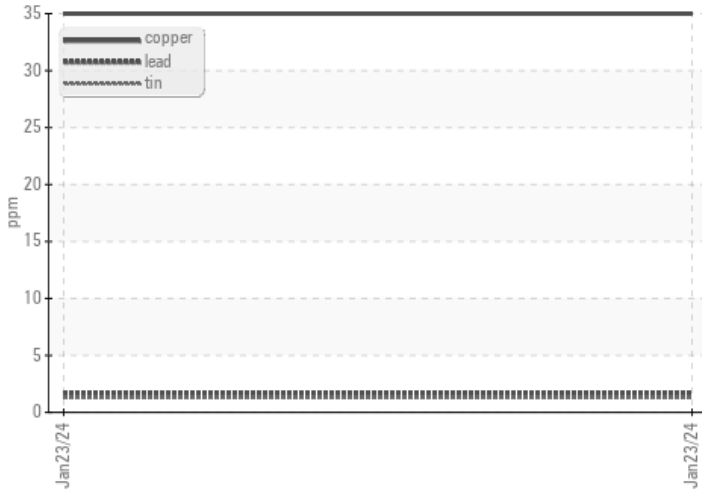


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

