

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR PR726 026568-1793 - Diesel Engine

Sample No: LH0268510

Oil Type: DIESEL ENGINE OIL SAE 5W30



**RECO EQUIPMENT INC**  
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#### Sample Information

Sample Number	LH0268510	---	---	---
Sample Date	22 Jan 2024	---	---	---
Machine Hours	450	---	---	---
Oil Hours	450	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### Oil Condition

Visc @ 100°C	cSt	12.0	---	---	---
Base Number (BN)	mg KOH/g	4.4	---	---	---
Oxidation (PA)	%	206	---	---	---



#### Contamination

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	100	---	---	---
Sulfation (PA)	%	109	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---



#### Wear Metals

Iron	ppm	10	---	---	---
Copper	ppm	160	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	1412	---	---	---
Magnesium	ppm	950	---	---	---
Zinc	ppm	882	---	---	---
Phosphorus	ppm	742	---	---	---
Barium	ppm	21	---	---	---
Boron	ppm	107	---	---	---

#### Diagnosis

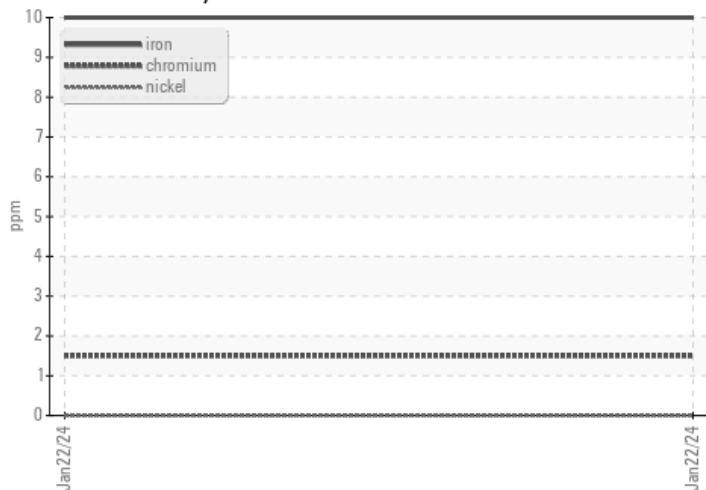
Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

**Depot:** RECBRILH  
**Unique No:** 10952350  
**Signed:** Jonathan Hester  
**Report Date:** 04 Apr 2024

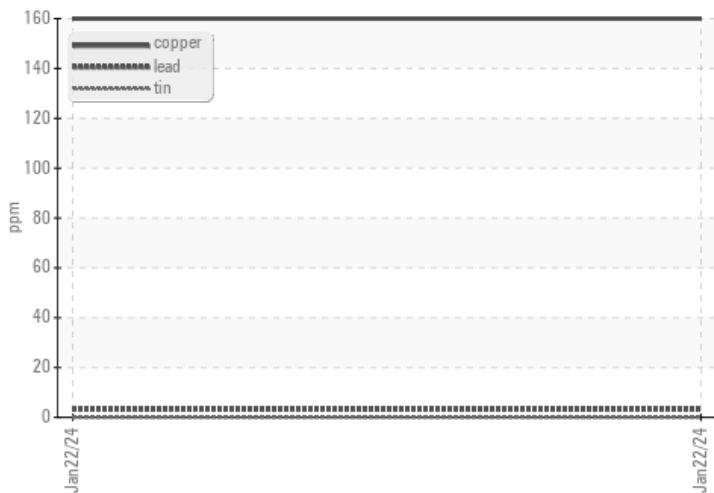


### Graphs

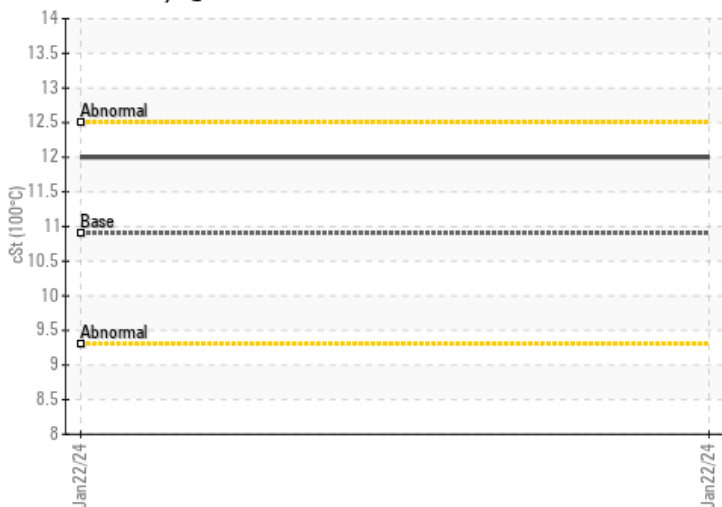
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

