

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LR1250.1 LH35298 (S/N 135.298) - Diesel Engine

Sample No: LH0258462

Oil Type: DIESEL ENGINE OIL SAE 15W40



#### Sample Information

Sample Number	LH0258462	---	---	---
Sample Date	16 Apr 2024	---	---	---
Machine Hours	3348	---	---	---
Oil Hours	586	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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#### Oil Condition

Visc @ 100°C	cSt	12.1	---	---	---
Base Number (BN)	mg KOH/g	4.6	---	---	---
Oxidation (PA)	%	97	---	---	---

#### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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)	%	94	---	---	---
Sulfation (PA)	%	75	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.4	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	4	---	---	---



#### Wear Metals

Iron	ppm	17	---	---	---
Copper	ppm	10	---	---	---
Lead	ppm	17	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	75	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



#### Additives

Calcium	ppm	1407	---	---	---
Magnesium	ppm	518	---	---	---
Zinc	ppm	1236	---	---	---
Phosphorus	ppm	1169	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	79	---	---	---

Depot: KINTRI

Unique No: 11031037

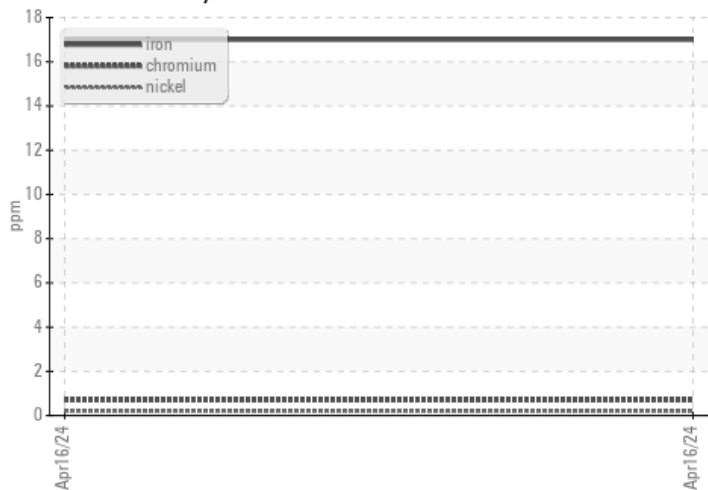
Signed: Wes Davis

Report Date: 17 May 2024

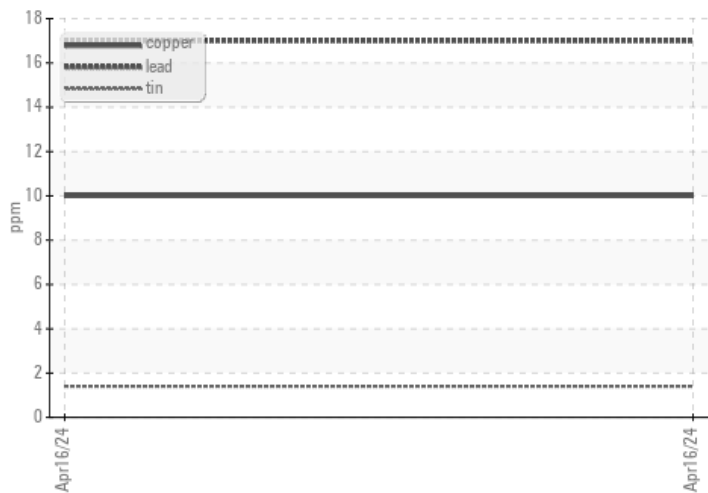


### Graphs

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 100°C



#### Base Number

