

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 918 08394092246018 - Diesel Engine

Sample No: LH0258171

Oil Type: LIEBHERR



SAMPLE INFORMATION

Sample Number	LH0258171	---	---	---
Sample Date	03 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

PARKWAY GRADING

1092 LASKIN RD, SUITE 100
 VIRGINIA BEACH, VA
 US 23451
 Contact: MIKE BRIGHT



OIL CONDITION

Visc @ 100°C	cSt	13.1	---	---	---
Base Number (BN)	mg KOH/g	17.0	---	---	---
Oxidation (PA)	%	42	---	---	---

T: (757)544-6653
 F:

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)	%	95	---	---	---
Sulfation (PA)	%	42	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	13	---	---	---
Copper	ppm	11	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

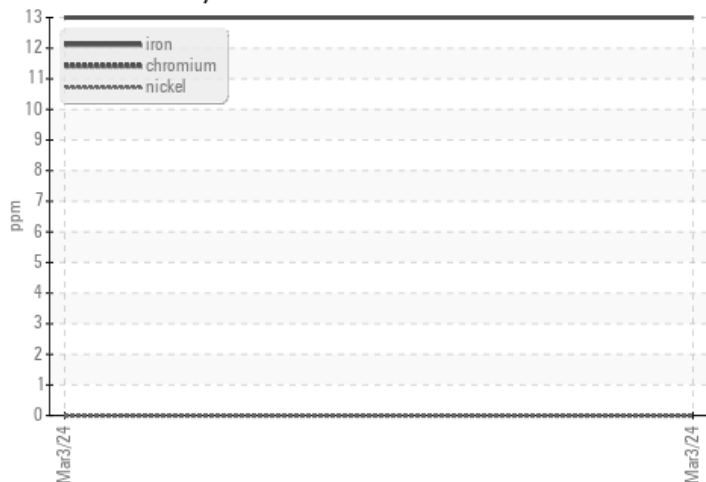
Calcium	ppm	4762	---	---	---
Magnesium	ppm	85	---	---	---
Zinc	ppm	1441	---	---	---
Phosphorus	ppm	1210	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	265	---	---	---

Depot: PARVIR
 Unique No: 10911413
 Signed: Wes Davis
 Report Date: 06 Mar 2024

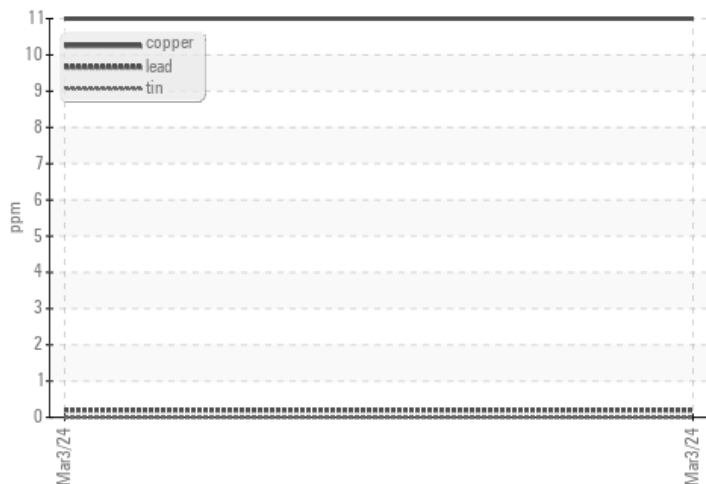


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

