

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR ATC-1300 - Diesel Engine

Sample No: LH0236074

Oil Type: MYSTIK JT-8 SYN SUPER HD 15W40



SAMPLE INFORMATION

Sample Number	LH0236074	---	---	---
Sample Date	10 Jan 2024	---	---	---
Machine Hours	3736	---	---	---
Oil Hours	192	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	13.13	---	---	---
Base Number (BN)	mg KOH/g	8.1	---	---	---
Oxidation (PA)	%	50	---	---	---

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)	%	43	---	---	---
Sulfation (PA)	%	45	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	5	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	62	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

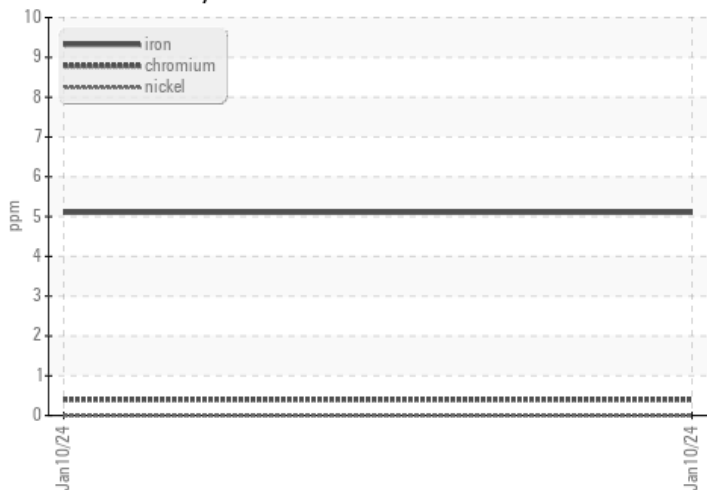
Calcium	ppm	1208	---	---	---
Magnesium	ppm	758	---	---	---
Zinc	ppm	1208	---	---	---
Phosphorus	ppm	931	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	26	---	---	---

Depot: PACODE
Unique No: 10833224
Signed: Wes Davis
Report Date: 23 Jan 2024



GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

