

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-43333 - Diesel Engine

Sample No: LH0263646

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0263646	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	5062	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT

3501 N. MAIN ST
EAST PEORIA, IL
US 61611
Contact: Mike Plummer
mplummer@finkbiner.com
T:
F:



OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Base Number (BN)	mg KOH/g	7.8	---	---	---
Oxidation (PA)	%	70	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. 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)	%	81	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.9	---	---	---
Silicon	ppm	14	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	<1	---	---	---
Copper	ppm	42	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1748	---	---	---
Magnesium	ppm	669	---	---	---
Zinc	ppm	947	---	---	---
Phosphorus	ppm	769	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	151	---	---	---

Depot: FINEASIL
Unique No: 10830508
Signed: Wes Davis
Report Date: 16 Jan 2024



GRAPHS

