

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1758-71343 - Diesel Engine

Sample No: LH0271535

Oil Type: OEM



SAMPLE INFORMATION

Sample Number	LH0271535	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	1502	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

HRI INC
 1750 W COLLEGE AVENUE
 STATE COLLEGE, PA
 US 16804
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 100°C	cSt	12.8	---	---	---
Base Number (BN)	mg KOH/g	7.5	---	---	---
Oxidation (PA)	%	76	---	---	---

T:
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

Soot %	%	0.1	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	3	---	---	---
Copper	ppm	32	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	87	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1517	---	---	---
Magnesium	ppm	549	---	---	---
Zinc	ppm	1139	---	---	---
Phosphorus	ppm	951	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	326	---	---	---

Depot: HRISTA
Unique No: 10728044
Signed: Wes Davis
Report Date: 07 Nov 2023



GRAPHS

