

LIEBHERR

CONSTRUCTION EQUIPMENT



NOT GIVEN LHMC148153 (S/N NO INFO ON SIF/BOTTLE) - Diese

Sample No: LHMC148153

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LHMC148153	---	---	---
Sample Date	22 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR EQUIPMENT SOURCE

4100 CHESTNUT AVENUE
NEWPORT NEWS, VA
US 23607

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OIL CONDITION

Visc @ 100°C	cSt	12.0	---	---	---
Base Number (BN)	mg KOH/g	10.3	---	---	---
Oxidation (PA)	%	69	---	---	---

Diagnosis

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

Soot %	%	0.1	---	---	---
Nitration (PA)	%	118	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.5	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	4	---	---	---



WEAR METALS

Iron	ppm	16	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	11	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3123	---	---	---
Magnesium	ppm	201	---	---	---
Zinc	ppm	1058	---	---	---
Phosphorus	ppm	883	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	114	---	---	---

Depot: LIEBHERRUS
Unique No: 10709949
Signed: Jonathan Hester
Report Date: 26 Oct 2023



GRAPHS

