

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SCHNITZER STEEL]] LIEBHERR LH30M 137421-1253 - Diesel En

Sample No: LHMC131012

Oil Type: DIESEL ENGINE OIL SAE 5W30



RECO EQUIPMENT INC
 8075 PRODUCTION DRIVE
 FLORENCE, KY
 US 41042
 Contact: ALLEN BRAY
 abray@recoequip.com
 T:
 F: (859)727-7974



SAMPLE INFORMATION

Sample Number	LHMC131012	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	4059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	11.7	---	---	---
Base Number (BN)	mg KOH/g	7.6	---	---	---
Oxidation (PA)	%	85	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	87	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	1	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	43	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1340	---	---	---
Magnesium	ppm	711	---	---	---
Zinc	ppm	906	---	---	---
Phosphorus	ppm	729	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	70	---	---	---

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.

Depot: LEC0082
Unique No: 10903185
Signed: Wes Davis
Report Date: 01 Mar 2024



GRAPHS

