

LIEBHERR

CONSTRUCTION EQUIPMENT



1217-144015 LIEBHERR LH60M 1217-144015 - Diesel Engine

Sample No: LH0287269

Oil Type: DIESEL ENGINE OIL SAE 5W30



ADVANTAGE METALS RECYCLING - ST LOUIS
 5 N MARKET
 ST LOUIS, MO
 US 63102
 Contact: JEANETTE VAGO
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 T:
 F:



SAMPLE INFORMATION

Sample Number	LH0287269	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	1025	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Base Number (BN)	mg KOH/g	8.4	---	---	---
Oxidation (PA)	%	65	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	73	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	4	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	1337	---	---	---
Magnesium	ppm	705	---	---	---
Zinc	ppm	837	---	---	---
Phosphorus	ppm	727	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	188	---	---	---

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: ADVSTL
 Unique No: 10953336
 Signed: Wes Davis
 Report Date: 01 Apr 2024



GRAPHS

