

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 142743-1217 - Diesel Engine

Sample No: LH0249556

Oil Type: DIESEL ENGINE OIL SAE 10W30



RICHMOND STEEL RECYCLING
 11760 MITCHELL ROAD
 RICHMOND, BC
 CA V6V 1V8
 Contact: Aaron Kaetler
 AKaetler@richmondsteel.ca
 T:
 F: (604)324-8617



SAMPLE INFORMATION

Sample Number	LH0249556	---	---	---
Sample Date	13 Apr 2023	---	---	---
Machine Hours	530	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	11.6	---	---	---
Oxidation (PA)	%	201	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	108	---	---	---
Sulfation (PA)	%	109	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	265	---	---	---
Lead	ppm	11	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	41	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1341	---	---	---
Magnesium	ppm	908	---	---	---
Zinc	ppm	824	---	---	---
Phosphorus	ppm	728	---	---	---
Barium	ppm	40	---	---	---
Boron	ppm	76	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: RIC117RIC
 Unique No: 5617180
 Signed: Kevin Marson
 Report Date: 26 Jul 2023



GRAPHS

