

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 158886-1216 - Diesel Engine

Sample No: LH0291707

Oil Type: {unknown}



Weyerhaeuser
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Sample Information

Sample Number	LH0291707	---	---	---
Sample Date	21 Jun 2024	---	---	---
Machine Hours	494	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 100°C	cSt	● 12.0	---	---	---
Oxidation (PA)	%	201	---	---	---



Contamination

Water	%	NEG	---	---	---
Soot %	%	● 0	---	---	---
Nitration (PA)	%	96	---	---	---
Sulfation (PA)	%	107	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	● 0.2	---	---	---
Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 3	---	---	---



Wear Metals

Iron	ppm	● 9	---	---	---
Copper	ppm	● 87	---	---	---
Lead	ppm	● 4	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 46	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 1252	---	---	---
Magnesium	ppm	● 909	---	---	---
Zinc	ppm	● 829	---	---	---
Phosphorus	ppm	● 698	---	---	---
Barium	ppm	● 19	---	---	---
Boron	ppm	● 103	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: WEY12GRA
Unique No: 5811648
Signed: Kevin Marson
Report Date: 09 Jul 2024



Graphs

