

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353858)] LIEBHERR LH50M 082257-1203 - Diesel Engine

Sample No: LH0209298

Oil Type: {unknown}



HUBERT & FILS
 474 ROUTE 105
 BOIS-FRANC, QC
 CA J9E 3A9
 Contact: Eric Brisebois
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Sample Information

Sample Number	LH0209298	---	---	---
Sample Date	07 May 2021	---	---	---
Machine Hours	494	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 100°C	cSt	● 11.9	---	---	---
Oxidation (PA)	%	208	---	---	---



Contamination

Water	%	NEG	---	---	---
Soot %	%	● 0	---	---	---
Nitration (PA)	%	97	---	---	---
Sulfation (PA)	%	112	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	● 0.4	---	---	---
Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 3	---	---	---



Wear Metals

Iron	ppm	● 8	---	---	---
Copper	ppm	● 136	---	---	---
Lead	ppm	● 6	---	---	---
Tin	ppm	● 1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 45	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 1355	---	---	---
Magnesium	ppm	● 917	---	---	---
Zinc	ppm	● 888	---	---	---
Phosphorus	ppm	● 777	---	---	---
Barium	ppm	● 39	---	---	---
Boron	ppm	● 79	---	---	---

Diagnosis

Resample at the next service interval to monitor. No other corrective action is recommended at this time. 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: HUBBOI
Unique No: 5266071
Signed: Kevin Marson
Report Date: 16 Aug 2021



Graphs

