

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353858)] LIEBHERR LH50M 082257-1203 - Front Different

Sample No: LH0209279

Oil Type: IRVING HDH SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0209279	LH0209287	LH0209303	---
Sample Date	24 Nov 2023	29 Aug 2023	07 May 2021	---
Machine Hours	11707	8353	494	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

Contact: Eric Brisebois
ericbrisebois99@gmail.com

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OIL CONDITION

Visc @ 40°C	cSt	103	177	185	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	4	4	---
Sodium	ppm	7	2	3	---
Potassium	ppm	11	0	<1	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	24	37	10	---
Copper	ppm	6	42	43	---
Lead	ppm	0	<1	1	---
Tin	ppm	0	2	<1	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	3	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	43	7	4	---
Magnesium	ppm	<1	<1	<1	---
Zinc	ppm	26	92	26	---
Phosphorus	ppm	1262	2323	1189	---
Barium	ppm	0	<1	351	---
Boron	ppm	123	4	3	---

Depot: HUBBOI
Unique No: 5750497
Signed: Wes Davis
Report Date: 28 Mar 2024



GRAPHS

