

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353859)] LIEBHERR LH50M 132600-1216 - Front Right Wheel

Sample No: LH

Oil Type: IRVING HDH SAE 75W90



SAMPLE INFORMATION

Sample Number	LH	LH0223250	LH0209353	---
Sample Date	17 Nov 2023	10 Mar 2023	20 Jan 2022	---
Machine Hours	12032	8586	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

HUBERT & FILS

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

Contact: Eric Brisebois
ericbrisebois99@gmail.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	91.5	90.2	102	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	5	12	---
Sodium	ppm	1	1	4	---
Potassium	ppm	1	<1	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	57	23	94	---
Copper	ppm	17	4	22	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	2	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	47	59	63	---
Magnesium	ppm	<1	<1	1	---
Zinc	ppm	31	33	34	---
Phosphorus	ppm	1041	1117	1296	---
Barium	ppm	0	0	0	---
Boron	ppm	155	146	78	---

Depot: HUBBOI
Unique No: 5750512
Signed: Wes Davis
Report Date: 28 Mar 2024



GRAPHS

