

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353219)] LIEBHERR LH50M 129342-1216 - Front Left Wheel

Sample No: LH0239969

Oil Type: TOTAL FINA TOTAL TRANSMISSION SYN NA 75W90



Sample Information

Sample Number	LH0239969	LH0208215	LH0208212	---
Sample Date	05 Apr 2024	27 Nov 2021	15 Sep 2021	---
Machine Hours	12995	2368	1000	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	SEVERE	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	114	62.5	82.4	---
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Contamination

Water	%	NEG	NEG	0.020	---
Silicon	ppm	6	255	27	---
Sodium	ppm	5	16	6	---
Potassium	ppm	1	4	5	---



Wear Metals

Iron	ppm	150	320	304	---
Copper	ppm	9	80	36	---
Lead	ppm	0	2	1	---
Tin	ppm	0	1	<1	---
Aluminum	ppm	1	17	4	---
Chromium	ppm	<1	2	2	---
Molybdenum	ppm	0	<1	2	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	1	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	2	9	4	---
Vanadium	ppm	0	<1	0	---



Additives

Calcium	ppm	18	1477	333	---
Magnesium	ppm	1	30	3	---
Zinc	ppm	29	682	181	---
Phosphorus	ppm	1348	1098	1182	---
Barium	ppm	0	0	0	---
Boron	ppm	3	74	4	---

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.

Depot: HUBBOI
Unique No: 5761128
Signed: Wes Davis
Report Date: 10 Apr 2024



Graphs

