

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0239971

Oil Type: TOTAL FINA TOTAL TRANSMISSION SYN NA 75W90



Sample Information

Sample Number	LH0239971	LH0208217	LH0208203	---
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	NORMAL	NORMAL	---

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



Oil Condition

Visc @ 40°C	cSt	98.4	88.6	84.9	---
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Contamination

Water	%	NEG	NEG	0.032	---
Silicon	ppm	4	4	60	---
Sodium	ppm	<1	2	8	---
Potassium	ppm	<1	3	3	---



Wear Metals

PQ		---	---	21	---
Iron	ppm	21	28	367	---
Copper	ppm	3	6	51	---
Lead	ppm	0	<1	2	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	<1	6	---
Chromium	ppm	0	<1	3	---
Molybdenum	ppm	0	<1	2	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	<1	5	---
Vanadium	ppm	0	0	<1	---



Additives

Calcium	ppm	9	625	383	---
Magnesium	ppm	<1	2	4	---
Zinc	ppm	15	364	220	---
Phosphorus	ppm	864	1029	1240	---
Barium	ppm	0	<1	0	---
Boron	ppm	3	80	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: 5761129
 Signed: Wes Davis
 Report Date: 10 Apr 2024



Graphs

