

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Rear Right Wheel Hub

Sample No: LH0277103

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



J.D. Irving
 Truro Sawmill, 529 Valley Dale Road
 Truro, NS
 CA B2N 5C5
 Contact: Sheldon Richardson
 richardson.sheldon@jdirving.com
 T: (902)890-9419
 F:



SAMPLE INFORMATION

Sample Number	LH0277103	LH0250289	LH0238570	LH0183921
Sample Date	13 Oct 2023	31 May 2023	24 Oct 2022	05 May 2022
Machine Hours	28718	26834	1000	22049
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	100	97.3	99.2	97.5
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CONTAMINATION

Silicon	ppm	6	1	2	2
Sodium	ppm	4	<1	1	<1
Potassium	ppm	<1	<1	1	<1



WEAR METALS

Iron	ppm	30	15	18	28
Copper	ppm	2	<1	<1	1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	12	23	21	7
Magnesium	ppm	4	11	2	2
Zinc	ppm	13	25	11	7
Phosphorus	ppm	1308	1303	1379	1317
Barium	ppm	<1	0	0	0
Boron	ppm	323	303	317	318

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: JDITRU
Unique No: 5668209
Signed: Wes Davis
Report Date: 23 Oct 2023

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GRAPHS

