

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 150728-1216 - Rear Left Wheel Hub

Sample No: LH0271872

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



ABC RECYCLING
 750C JACKSON RD
 NANAIMO, BC
 CA V9X 1J2
 Contact: Jordie Richmond
 jordie.richmond@abcrecycling.com
 T: (250)202-8235
 F:



SAMPLE INFORMATION

Sample Number	LH0271872	LH0242075	---	---
Sample Date	09 Feb 2024	21 Nov 2023	---	---
Machine Hours	1066	500	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	104	155	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	12	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	23	36	---	---
Copper	ppm	23	22	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	36	95	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	20	17	---	---
Phosphorus	ppm	1249	1362	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	233	7	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: ABCNAN
 Unique No: 5735229
 Signed: Wes Davis
 Report Date: 26 Feb 2024



GRAPHS

