

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 150728-1216 - Front Differential

Sample No: LH0271863

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	LH0271863	LH0242071	---	---
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	● 96.3	● 138	---	---
-------------	-----	--------	-------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 2	● 3	---	---
Sodium	ppm	● <1	● 4	---	---
Potassium	ppm	● <1	● 0	---	---



WEAR METALS

Iron	ppm	● 4	● 6	---	---
Copper	ppm	● 34	● 23	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● 0	---	---
Chromium	ppm	● 0	● 0	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● 0	● 0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 7	● 5	---	---
Magnesium	ppm	● <1	● 1	---	---
Zinc	ppm	● 24	● 18	---	---
Phosphorus	ppm	● 1223	● 1658	---	---
Barium	ppm	● 0	● 4	---	---
Boron	ppm	● 291	● 136	---	---

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: ABCNAN
 Unique No: 5735235
 Signed: Wes Davis
 Report Date: 26 Feb 2024



GRAPHS

