

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 142743-1217 - Rear Differential

Sample No: LH0249569

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



RICHMOND STEEL RECYCLING
 11760 MITCHELL ROAD
 RICHMOND, BC
 CA V6V 1V8
 Contact: Aaron Kaetler
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 T:
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SAMPLE INFORMATION

Sample Number	LH0249569	LH0249558	---	---
Sample Date	05 Jan 2024	12 Jul 2023	---	---
Machine Hours	2127	1065	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	97.1	171	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	5	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	13	20	---	---
Copper	ppm	33	12	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	11	15	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	24	20	---	---
Phosphorus	ppm	1224	1201	---	---
Barium	ppm	24	309	---	---
Boron	ppm	286	29	---	---

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: RIC117RIC
 Unique No: 5709017
 Signed: Wes Davis
 Report Date: 10 Jan 2024



GRAPHS

