

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 142743-1217 - Front Differential

Sample No: LH0249568

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:
 F: (604)324-8617



SAMPLE INFORMATION

Sample Number	LH0249568	LH0249557	---	---
Sample Date	09 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	95.5	184	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	6	12	---	---
Copper	ppm	35	8	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	6	8	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	22	9	---	---
Phosphorus	ppm	1200	1183	---	---
Barium	ppm	7	339	---	---
Boron	ppm	289	2	---	---

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: RIC117RIC
 Unique No: 5709019
 Signed: Kevin Marson
 Report Date: 12 Jan 2024



GRAPHS

