

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 146891-1217 - Front Differential

Sample No: LH0281177

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



RICHMOND STEEL RECYCLING
 11760 MITCHELL ROAD
 RICHMOND, BC
 CA V6V 1V8
 Contact: Aaron Kaetler
 AKaetler@richmondsteel.ca
 T:
 F: (604)324-8617



SAMPLE INFORMATION

Sample Number	LH0281177	---	---	---
Sample Date	22 Dec 2023	---	---	---
Machine Hours	519	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 141	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

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



WEAR METALS

Iron	ppm	● 3	---	---	---
Copper	ppm	● 7	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 9	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 13	---	---	---
Phosphorus	ppm	● 1650	---	---	---
Barium	ppm	● 23	---	---	---
Boron	ppm	● 125	---	---	---

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: 5708343
 Signed: Kevin Marson
 Report Date: 09 Jan 2024



GRAPHS

