

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 146891-1217 - Rear Differential

Sample No: LH0271809

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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	LH0271809	LH0281180	---	---
Sample Date	24 May 2024	22 Dec 2023	---	---
Machine Hours	1000	519	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	● 108	● 139	---	---
-------------	-----	-------	-------	-----	-----



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 2	● 2	---	---
Sodium	ppm	● 2	● 6	---	---
Potassium	ppm	● <1	● <1	---	---



Wear Metals

Iron	ppm	● 11	● 14	---	---
Copper	ppm	● 20	● 9	---	---
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	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	● 11	● 11	---	---
Magnesium	ppm	● 2	● <1	---	---
Zinc	ppm	● 19	● 14	---	---
Phosphorus	ppm	● 1287	● 1685	---	---
Barium	ppm	● 2	● 16	---	---
Boron	ppm	● 287	● 126	---	---

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: 5800199
 Signed: Wes Davis
 Report Date: 18 Jun 2024



Graphs

