

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 142743-1217 - Splitter Box

Sample No: LH0249561

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0249561	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	1065	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

RICHMOND STEEL RECYCLING

11760 MITCHELL ROAD

RICHMOND, BC

CA V6V 1V8

Contact: Aaron Kaetler

AKaetler@richmondsteel.ca

T:

F: (604)324-8617



OIL CONDITION

Visc @ 40°C	cSt	177	---	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	2	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	22	---	---	---



WEAR METALS

Iron	ppm	78	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	15	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	37	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	122	---	---	---
Phosphorus	ppm	1528	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	2	---	---	---

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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: RIC117RIC

Unique No: 5617511

Signed: Wes Davis

Report Date: 26 Jul 2023



GRAPHS

