

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 146308-1215 - Splitter Box

Sample No: LH0281087

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**RICHMOND STEEL RECYCLING**  
 955 ORD ROAD  
 KAMLOOPS, BC  
 CA V2B 7B5  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0281087	---	---	---
Sample Date	03 Jan 2024	---	---	---
Machine Hours	511	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	198	---	---	---
-------------	-----	-----	-----	-----	-----

T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	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. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	● 14	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 11	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	25	---	---	---
Phosphorus	ppm	● 1532	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	2	---	---	---

Depot: RIC955KAM  
 Unique No: 5708357  
 Signed: Kevin Marson  
 Report Date: 08 Jan 2024



### GRAPHS

