

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 146891-1217 - Swing Drive

Sample No: LH0271813

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	LH0271813	LH0281181	---	---
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	● 106	176	---	---
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#### Contamination

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



#### Wear Metals

Iron	ppm	● 44	● 195	---	---
Copper	ppm	● 35	● 45	---	---
Lead	ppm	● <1	● 1	---	---
Tin	ppm	● <1	● 3	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
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	● 12	● 17	---	---
Magnesium	ppm	● 1	● 1	---	---
Zinc	ppm	● 10	● 16	---	---
Phosphorus	ppm	● 1296	2214	---	---
Barium	ppm	● 2	● 8	---	---
Boron	ppm	● 276	5	---	---

#### 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: 5799943  
 Signed: Wes Davis  
 Report Date: 18 Jun 2024



### Graphs

