

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 144578-1253 - Swing Drive

Sample No: LH0278616

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### SAMPLE INFORMATION

Sample Number	LH0278616	LH0250049	---	---
Sample Date	15 Jan 2024	22 Mar 2023	---	---
Machine Hours	1200	498	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### Industrial Metals

550 Messier St.  
Winnipeg, MB  
CA R2J 0G5  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	176	● 180	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 2	● <1	---	---
Sodium	ppm	● 1	● <1	---	---
Potassium	ppm	● 0	● <1	---	---

#### 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	● 53	● <1	---	---
Copper	ppm	● 15	● 0	---	---
Lead	ppm	● <1	● 0	---	---
Tin	ppm	● <1	● 0	---	---
Aluminum	ppm	● <1	● 0	---	---
Chromium	ppm	● <1	● 0	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 0	● 0	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	● 15	● 18	---	---
Magnesium	ppm	● 1	● <1	---	---
Zinc	ppm	● 13	● 4	---	---
Phosphorus	ppm	2237	● 2401	---	---
Barium	ppm	● <1	● 0	---	---
Boron	ppm	16	● <1	---	---

Depot: IND550WIN  
Unique No: 5710126  
Signed: Wes Davis  
Report Date: 16 Jan 2024



### GRAPHS

