

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30 144578-1253 - Rear Left Wheel Hub

Sample No: LH0278714

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### Sample Information

Sample Number	LH0278714	LH0278619	LH0250050	---
Sample Date	05 Apr 2024	15 Jan 2024	22 Mar 2023	---
Machine Hours	1300	1200	498	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### Industrial Metals

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



#### Oil Condition

Visc @ 40°C	cSt	173	176	64.8	---
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T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	8	---
Sodium	ppm	5	4	17	---
Potassium	ppm	<1	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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



#### Wear Metals

Iron	ppm	22	20	10	---
Copper	ppm	3	2	3	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	2	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	395	381	1948	---
Magnesium	ppm	2	2	11	---
Zinc	ppm	157	155	1240	---
Phosphorus	ppm	2129	2202	1168	---
Barium	ppm	<1	0	<1	---
Boron	ppm	8	8	94	---

Depot: IND550WIN  
Unique No: 5763827  
Signed: Kevin Marson  
Report Date: 23 Apr 2024



### Graphs

