

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 146308-1215 - Rear Differential

Sample No: LH0281097

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	LH0281097	---	---	---
Sample Date	03 Jan 2024	---	---	---
Machine Hours	511	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 131	---	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 27	---	---	---
Potassium	ppm	● 3	---	---	---

#### 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.



#### WEAR METALS

Iron	ppm	● 76	---	---	---
Copper	ppm	● 61	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 17	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 40	---	---	---
Phosphorus	ppm	● 1560	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 184	---	---	---

Depot: RIC955KAM  
 Unique No: 5708351  
 Signed: Wes Davis  
 Report Date: 09 Jan 2024



### GRAPHS

