

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934 060317 - Front Differential

Sample No: LH0224836

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0224836	---	---	---
Sample Date	01 Feb 2023	---	---	---
Machine Hours	12127	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

RICHMOND STEEL
12707 170 STREET
EDMONTON, AB
CA T5V 1L9
Contact: Sandor Arguello



OIL CONDITION

Visc @ 40°C	cSt	● 104	---	---	---
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T: (780)447-3391
F:



CONTAMINATION

Silicon	ppm	● 2	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---

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	● 2	---	---	---
Copper	ppm	● 10	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 8	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 14	---	---	---
Phosphorus	ppm	● 1336	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 312	---	---	---

Depot: RICEDM
Unique No: 5552049
Signed: Wes Davis
Report Date: 22 Mar 2023



GRAPHS

