

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R934 48907 - Front Right Final Drive

Sample No: LH0242065

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0242065	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	4991	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr Canada

140 - 21320 Gordon Way
 Richmond, BC
 CA V6W 1J8
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	● 111	---	---	---
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CONTAMINATION

Silicon	ppm	● 79	---	---	---
Sodium	ppm	● 7	---	---	---
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	● 126	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 21	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 49	---	---	---
Magnesium	ppm	● 5	---	---	---
Zinc	ppm	● 16	---	---	---
Phosphorus	ppm	● 1423	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 259	---	---	---

Depot: LIERIC
 Unique No: 5658795
 Signed: Wes Davis
 Report Date: 17 Oct 2023



GRAPHS

