

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R934 48907 - Swing Drive

Sample No: LH0242062

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0242062	LH0238670	---	---
Sample Date	11 Oct 2023	29 Aug 2022	---	---
Machine Hours	4991	3090	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 Richmond, BC
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OIL CONDITION

Visc @ 40°C	cSt	● 103	● 106	---	---
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CONTAMINATION

Silicon	ppm	● 5	● 3	---	---
Sodium	ppm	● 1	● 4	---	---
Potassium	ppm	● 0	● <1	---	---



WEAR METALS

Iron	ppm	● 124	● 161	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● <1	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 0	● <1	---	---
Chromium	ppm	● 2	● 3	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● <1	● 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 14	● 4	---	---
Magnesium	ppm	● 1	● 0	---	---
Zinc	ppm	● 15	● 5	---	---
Phosphorus	ppm	● 1235	● 1521	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● 304	● 212	---	---

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.

Depot: LIERIC
Unique No: 5658796
Signed: Wes Davis
Report Date: 17 Oct 2023



GRAPHS

