

LIEBHERR

CONSTRUCTION EQUIPMENT



[SUBLATOS] LIEBHERR R934 54888 - Swing Drive

Sample No: LH0224809

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0224809	LH0224987	---	---
Sample Date	29 May 2023	14 Mar 2023	---	---
Machine Hours	971	577	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR CANADA LTD.

10374 267 ST.
ACHESON, AB
CA T7X 6A2
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OIL CONDITION

Visc @ 40°C	cSt	113	175	---	---
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CONTAMINATION

Silicon	ppm	2	2	---	---
Sodium	ppm	1	4	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	21	93	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	11	16	---	---
Magnesium	ppm	<1	0	---	---
Zinc	ppm	8	10	---	---
Phosphorus	ppm	1415	2478	---	---
Barium	ppm	1	5	---	---
Boron	ppm	277	2	---	---

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: LIESPR
Unique No: 5655231
Signed: Wes Davis
Report Date: 02 Oct 2023



GRAPHS

