

LIEBHERR

CONSTRUCTION EQUIPMENT



[SUBLATOS] LIEBHERR R934 54888 - Swing Drive

Sample No: LH0269736

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0269736	LH0224809	LH0224987	---
Sample Date	21 Jan 2024	29 May 2023	14 Mar 2023	---
Machine Hours	1940	971	577	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

LIEBHERR CANADA LTD.

10374 267 ST.

ACHESON, AB

CA T7X 6A2

Contact: Dustin Fluet

dustin.fluet@liebherr.com

T: (780)962-6088

F: (780)962-6799



OIL CONDITION

Visc @ 40°C	cSt	100	113	175	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	2	---
Sodium	ppm	<1	1	4	---
Potassium	ppm	<1	0	<1	---



WEAR METALS

Iron	ppm	266	21	93	---
Copper	ppm	<1	<1	0	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	5	<1	3	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	2	0	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	6	11	16	---
Magnesium	ppm	2	<1	0	---
Zinc	ppm	11	8	10	---
Phosphorus	ppm	1278	1415	2478	---
Barium	ppm	0	1	5	---
Boron	ppm	291	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: 5722588

Signed: Wes Davis

Report Date: 05 Feb 2024



GRAPHS

