

LIEBHERR

CONSTRUCTION EQUIPMENT



[SUBLATOS] LIEBHERR R934 54888 - Left Final Drive

Sample No: LH0225023

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0225023	LH0225119	LH0224986	---
Sample Date	21 Jan 2024	29 May 2023	14 Mar 2023	---
Machine Hours	1940	971	577	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

LIEBHERR CANADA LTD.

10374 267 ST.

ACHESON, AB

CA T7X 6A2

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OIL CONDITION

Visc @ 40°C	cSt	101	117	196	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	128	223	176	---
Sodium	ppm	3	7	9	---
Potassium	ppm	6	12	12	---

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	792	721	404	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	15	42	34	---
Chromium	ppm	10	9	6	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	2	2	2	---
Titanium	ppm	0	1	2	---
Silver	ppm	0	<1	0	---
Manganese	ppm	6	6	6	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	40	84	59	---
Magnesium	ppm	9	18	12	---
Zinc	ppm	18	18	17	---
Phosphorus	ppm	1259	1296	1287	---
Barium	ppm	<1	5	6	---
Boron	ppm	258	204	4	---

Depot: LIESPR

Unique No: 5722586

Signed: Wes Davis

Report Date: 05 Feb 2024



GRAPHS

