

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R92254275 - Swing Drive

Sample No: LH0286421

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0286421	LH0238610	---	---
Sample Date	06 Jun 2024	22 Feb 2023	---	---
Machine Hours	3000	518	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Liebherr Canada

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 Richmond, BC
 CA V6W 1J8
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 T:
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Oil Condition

Visc @ 40°C	cSt	96.6	196	---	---
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Contamination

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



Wear Metals

Iron	ppm	29	254	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	10	9	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	8	13	---	---
Phosphorus	ppm	1217	1439	---	---
Barium	ppm	<1	6	---	---
Boron	ppm	299	2	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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: 5814303
 Signed: Wes Davis
 Report Date: 18 Jul 2024



Graphs

