

LIEBHERR

CONSTRUCTION EQUIPMENT



[(375856)] LIEBHERR R930 049712-1716 - Swing Drive

Sample No: LH0231976

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0231976	LH0231969	---	---
Sample Date	05 Jan 2024	22 Sep 2022	---	---
Machine Hours	2014	1000	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

COUNTY OF ST. PAUL NO. 19
5015 - 49 AVENUE
ST. PAUL, AB
CA T0A 3A4
Contact: Brent Lilje
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T: (780)645-3006
F:



OIL CONDITION

Visc @ 40°C	cSt	● 116	● 135	---	---
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CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	● 144	● <1	---	---
Copper	ppm	● <1	● 0	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● 0	---	---
Chromium	ppm	● 2	● 0	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● 0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 5	● 18	---	---
Magnesium	ppm	● <1	● 0	---	---
Zinc	ppm	● 9	● 26	---	---
Phosphorus	ppm	● 1388	● 906	---	---
Barium	ppm	● 3	● 0	---	---
Boron	ppm	● 151	● 124	---	---

Depot: COU501STP
Unique No: 5721305
Signed: Wes Davis
Report Date: 30 Jan 2024



GRAPHS

