

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LB28 115656 - Rear Slewing Gearbox

Sample No: LH0286502

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0286502	---	---	---
Sample Date	21 Jun 2024	---	---	---
Machine Hours	7386	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

10374 267 ST.

ACHESON, AB

CA T7X 6A2

Contact: Rodney Budzak

rodney.budzak@liebherr.com

T: (780)962-6799

F: (780)962-6799



Oil Condition

Visc @ 40°C	cSt	99.6	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---



Wear Metals

Iron	ppm	28	---	---	---
Copper	ppm	28	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	5	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	1326	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	246	---	---	---

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: LIESPR

Unique No: 5814337

Signed: Wes Davis

Report Date: 18 Jul 2024



Graphs

