

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LB28 115656 - Right Travel

Sample No: LH0286506
 Oil Type: GEAR OIL SAE 80



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



Sample Information

Sample Number	LH0286506	---	---	---
Sample Date	21 Jun 2024	---	---	---
Machine Hours	7386	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 89.1	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 11	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



Wear Metals

Iron	ppm	● 49	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 14	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 9	---	---	---
Phosphorus	ppm	● 1245	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 289	---	---	---

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 80. 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: 5814344
 Signed: Wes Davis
 Report Date: 18 Jul 2024



Graphs

