

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R946 022057 - Left Final Drive

Sample No: LH0187307

Oil Type: {unknown}



Sample Information

Sample Number	LH0187307	---	---	---
Sample Date	20 Jun 2023	---	---	---
Machine Hours	9250	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

CLOUTHIER VENTURES LTD.
 59 MATTHEWS STREET, R.R. # 5
 PEMBROKE, ON
 CA K8A 0A6
 Contact: Travis Bennett
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 T: (613)735-6531
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Oil Condition

Visc @ 40°C	cSt	● 90.6	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 41	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 3	---	---	---



Wear Metals

Iron	ppm	● 133	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 10	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	27	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	22	---	---	---
Phosphorus	ppm	1287	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	292	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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: CLOPEM
Unique No: 5603020
Signed: Wes Davis
Report Date: 22 Jun 2023



Graphs

