

LIEBHERR

CONSTRUCTION EQUIPMENT



- Rear Right Wheel Hub

Sample No: LH06173161

Oil Type: GEAR OIL SAE 80W90



SADOFF
2055 SOUTH 108TH STREET
MILWAUKEE, WI
US 53227
Contact: RAY SCHMIDT

T: (414)541-8700
F: (414)541-1892



Sample Information

Sample Number	LH06173161	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	1069	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	171	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	3	---	---	---



Wear Metals

Iron	ppm	24	---	---	---
Copper	ppm	24	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	139	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	29	---	---	---
Phosphorus	ppm	1514	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	6	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SADMIL
Unique No: 11019214
Signed: Sean Felton
Report Date: 10 May 2024



Graphs

