

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 119798-1217 - Front Right Wheel Hub

Sample No: LH0200266

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0200266	---	---	---
Sample Date	30 Nov 2022	---	---	---
Machine Hours	1763	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	MARGINAL	---	---	---

TT & E IRON

1529 WEST GARNER RD
 GARNER, NC
 US 27529
 Contact: MICHAEL STANCIL
 culaterprowler@aol.com
 T: (919)524-4326
 F:



OIL CONDITION

Visc @ 40°C	cSt	154	---	---	---
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CONTAMINATION

Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 136	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● <1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 37	---	---	---
Phosphorus	ppm	● 1142	---	---	---
Barium	ppm	● 86	---	---	---
Boron	ppm	● 158	---	---	---

Depot: TTENEW
 Unique No: 10245179
 Signed: Doug Bogart
 Report Date: 11 Jul 2023



GRAPHS

