

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 142304-1216 - Front Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



PRODUITS FORESTIERS D.G. LTEE
 313 RANG ST-JOSEPH
 STE-AURELIE, QC
 CA G0M 1M0
 Contact: Roger .

T: (418)593-3547
 F: (418)593-3633

Diagnosis

Resample at the next service interval to monitor. 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.



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	3000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 193	---	---	---
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CONTAMINATION

Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 5	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 1	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 8	---	---	---
Phosphorus	ppm	● 2447	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 2	---	---	---

Depot: PRO9STE
Unique No: 5618105
Signed: Wes Davis
Report Date: 28 Jul 2023



GRAPHS

