

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 142304-1216 - Rear Differential

Sample No: LH0248061

Oil Type: LIEBHERR GEAR BASIC 90 LS



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

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 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	LH0248061	LH	---	---
Sample Date	11 Oct 2023	25 Jul 2023	---	---
Machine Hours	4000	3000	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 177	● 187	---	---
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CONTAMINATION

Silicon	ppm	● 3	● 5	---	---
Sodium	ppm	● 2	● 2	---	---
Potassium	ppm	● 0	● <1	---	---



WEAR METALS

Iron	ppm	● 71	● 79	---	---
Copper	ppm	● 11	● 15	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● 1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● <1	● 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 6	32	---	---
Magnesium	ppm	● <1	● <1	---	---
Zinc	ppm	● 14	25	---	---
Phosphorus	ppm	● 2283	● 2375	---	---
Barium	ppm	● <1	● 0	---	---
Boron	ppm	● 2	● 4	---	---

Depot: PRO9STE
 Unique No: 5681978
 Signed: Wes Davis
 Report Date: 16 Nov 2023



GRAPHS

