

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 120559-1216 - Rear Right Wheel Hub

Sample No: LH0261236

Oil Type: GEAR OIL SAE 80W90



BOIS GRANVAL G D S INC

10 RUE INDUSTRIELLE
GRANDE-VALLEE, QC
CA G0E 1K0

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SAMPLE INFORMATION

Sample Number	LH0261236	LH0239008	LH	LH0177583
Sample Date	09 Jul 2023	11 Oct 2022	13 Sep 2021	12 Aug 2021
Machine Hours	10181	9355	0	6584
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	● 193	● 185	● 164	● 190
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CONTAMINATION

Silicon	ppm	● 4	● 13	● 2	● 2
Sodium	ppm	● 4	● 7	● 3	● 3
Potassium	ppm	● <1	● <1	● <1	● <1



WEAR METALS

Iron	ppm	● 28	● 60	● 23	● 37
Copper	ppm	● 2	● 4	● 5	● 6
Lead	ppm	● 0	● 0	● <1	● <1
Tin	ppm	● 0	● 0	● 0	● 0
Aluminum	ppm	● <1	● 2	● <1	● <1
Chromium	ppm	● 0	● 0	● 0	● <1
Molybdenum	ppm	● 0	● 0	● 0	● <1
Nickel	ppm	● <1	● <1	● <1	● <1
Titanium	ppm	● 0	<1	0	0
Silver	ppm	● 0	● 0	● <1	● <1
Manganese	ppm	● <1	● 1	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIVES

Calcium	ppm	● 4	● 8	● 11	● 13
Magnesium	ppm	● 1	● <1	● 2	● 7
Zinc	ppm	● 7	● 9	● 10	● 20
Phosphorus	ppm	● 2289	● 2413	● 2295	● 2477
Barium	ppm	● 0	● 0	● 0	● 0
Boron	ppm	● 3	● 14	● 32	● 6

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: BOIGRA

Unique No: 5619626

Signed: Wes Davis

Report Date: 08 Aug 2023



GRAPHS

