

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145280-1216 - Front Left Wheel Hub

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



Gestion Transfor - Transport La Dore
 5750 Rue des Peupliers
 La Dore, QC
 CA G8J 1G4
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Sample Information

Sample Number	LH	LH0224086	---	---
Sample Date	23 Jun 2024	13 May 2024	---	---
Machine Hours	3410	3310	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	SEVERE	---	---



Oil Condition

Visc @ 40°C	cSt	137	136	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 13	● 50	---	---
Sodium	ppm	● 4	● 16	---	---
Potassium	ppm	● 1	● 4	---	---



Wear Metals

PQ		---	● 385	---	---
Iron	ppm	● 185	● 761	---	---
Copper	ppm	● 16	● 66	---	---
Lead	ppm	● 0	● 1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 2	● 7	---	---
Chromium	ppm	● <1	● 3	---	---
Molybdenum	ppm	● <1	● 1	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	● 0	● <1	---	---
Silver	ppm	● 0	● 0	---	---
Manganese	ppm	● 3	● 11	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	29	● 121	---	---
Magnesium	ppm	● <1	● 5	---	---
Zinc	ppm	23	● 74	---	---
Phosphorus	ppm	986	1221	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	162	● 2	---	---

Diagnosis

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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. Il n'y a aucun indice de contamination dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: TRALAD
 Unique No: 5801335
 Signed: Wes Davis
 Report Date: 24 Jun 2024



Graphs

