

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 112210-1216 - Rear Right Wheel Hub

Sample No: LH0274085

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0274085	LH0256259	LH0242208	LH0242156
Sample Date	02 Nov 2023	08 May 2023	07 Mar 2023	04 Jan 2023
Machine Hours	21000	18945	18000	17110
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### Resolute Forest Products

1, chemin de la Scierie, Case postale 2250  
Baie-Comeau, QC  
CA G5C 2S8  
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#### OIL CONDITION

Visc @ 40°C	cSt	180	182	187	188
		●	●	●	●



#### CONTAMINATION

Element	ppm	6	<1	2	11
Silicon	ppm	● 6	● <1	● 2	● 11
Sodium	ppm	● 5	● 2	● 2	● 2
Potassium	ppm	● <1	● <1	● 0	● <1



#### WEAR METALS

Element	ppm	116	13	21	17
Iron	ppm	● 116	● 13	● 21	● 17
Copper	ppm	● 4	● 4	● 5	● 6
Lead	ppm	● 0	● 0	● 0	● <1
Tin	ppm	● 0	● 0	● 0	● 0
Aluminum	ppm	● <1	● <1	● <1	● <1
Chromium	ppm	● <1	● 0	● 0	● 0
Molybdenum	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● <1	● 0
Titanium	ppm	● 0	● 0	● 0	● 0
Silver	ppm	● <1	● 0	● 0	● 0
Manganese	ppm	● <1	● <1	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



#### ADDITIVES

Element	ppm	7	<1	2	2
Calcium	ppm	● 7	● <1	● 2	● 2
Magnesium	ppm	● <1	● 0	● 0	● 0
Zinc	ppm	● 14	● 4	● 9	● 6
Phosphorus	ppm	● 2263	● 2466	● 2464	● 2438
Barium	ppm	● <1	● 0	● 0	● 0
Boron	ppm	● 3	● <1	● <1	● <1

#### 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. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: RESBAI  
Unique No: 5672176  
Signed: Wes Davis  
Report Date: 08 Nov 2023



### GRAPHS

