

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 112210-1216 - Rear Differential

Sample No: LH0274088

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	<b>LH0274088</b>	LH0256254	LH0242205	LH0242158
Sample Date	<b>02 Nov 2023</b>	08 May 2023	07 Mar 2023	04 Jan 2023
Machine Hours	<b>21000</b>	18945	18000	17110
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>N/A</b>	Changed	N/A	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

#### Resolute Forest Products

1, chemin de la Scierie, Case postale 2250  
Baie-Comeau, QC  
CA G5C 2S8  
Contact: Paul Breton  
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T:  
F: (418)960-2788



#### OIL CONDITION

Visc @ 40°C	cSt	<b>179</b>	181	188	193
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#### CONTAMINATION

Silicon	ppm	<b>1</b>	<1	1	1
Sodium	ppm	<b>2</b>	2	2	4
Potassium	ppm	<b>0</b>	0	0	2



#### WEAR METALS

Iron	ppm	<b>18</b>	9	14	14
Copper	ppm	<b>7</b>	5	5	6
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	0	<1	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>5</b>	0	1	2
Magnesium	ppm	<b>0</b>	0	0	0
Zinc	ppm	<b>7</b>	5	7	6
Phosphorus	ppm	<b>2317</b>	2487	2453	2441
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>&lt;1</b>	<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: 5672173  
Signed: Wes Davis  
Report Date: 08 Nov 2023

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### GRAPHS

