

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 112210-1216 - Splitter Box

Sample No: LH0274078

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0274078	LH0256251	LH0242160	LH0242165
Sample Date	02 Nov 2023	08 May 2023	04 Jan 2023	11 Oct 2022
Machine Hours	21000	18945	17110	16022
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	173	140	137	137



#### CONTAMINATION

Element	Unit	4	<1	<1	2
Silicon	ppm	4	<1	<1	2
Sodium	ppm	2	2	2	2
Potassium	ppm	0	<1	<1	<1



#### WEAR METALS

Element	Unit	26	4	6	13
Iron	ppm	26	4	6	13
Copper	ppm	1	<1	<1	<1
Lead	ppm	0	0	0	3
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Element	Unit	12	23	30	30
Calcium	ppm	12	23	30	30
Magnesium	ppm	2	8	5	<1
Zinc	ppm	40	138	160	162
Phosphorus	ppm	1940	2210	2118	2151
Barium	ppm	<1	0	0	0
Boron	ppm	1	1	2	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. 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: 5672199  
Signed: Wes Davis  
Report Date: 08 Nov 2023



### GRAPHS

