

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 053290-1332 - Splitter Box

Sample No: LH0274159

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0274159	LH0274162	LH0256270	LH0242140
Sample Date	21 Nov 2023	11 Oct 2023	24 May 2023	10 Feb 2023
Machine Hours	18029	17000	14888	14000
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### Resolute Forest Products

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



#### OIL CONDITION

Visc @ 40°C	cSt	141	139	134	159



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	2	1
Sodium	ppm	1	<1	1	<1
Potassium	ppm	0	0	0	<1



#### WEAR METALS

Iron	ppm	4	5	6	9
Copper	ppm	2	4	<1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	44	33	49	55
Magnesium	ppm	<1	1	<1	<1
Zinc	ppm	178	223	200	170
Phosphorus	ppm	2083	2038	2286	2272
Barium	ppm	<1	<1	0	0
Boron	ppm	<1	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: 5695427  
Signed: Wes Davis  
Report Date: 11 Dec 2023



### GRAPHS

