

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 052872-1332 - Front Differential

Sample No: LH0256463

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0256463	LH0242124	LH0242212	LH0119145
Sample Date	28 Jun 2023	20 Feb 2023	01 Dec 2022	26 Jul 2022
Machine Hours	20000	18000	16900	15125
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	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  
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T:  
F: (418)960-2788



#### OIL CONDITION

Visc @ 40°C	cSt	178	187	192	161
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#### CONTAMINATION

Silicon	ppm	1	2	2	2
Sodium	ppm	1	2	3	1
Potassium	ppm	<1	0	1	0



#### WEAR METALS

Iron	ppm	24	61	34	62
Copper	ppm	8	21	14	12
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	1	<1	<1
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	1	7	3	7
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	11	4	4	13
Magnesium	ppm	<1	0	0	<1
Zinc	ppm	12	10	10	14
Phosphorus	ppm	2382	2443	2294	2567
Barium	ppm	0	0	0	0
Boron	ppm	1	2	4	57

#### 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: 5644375  
Signed: Wes Davis  
Report Date: 18 Sep 2023

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### GRAPHS

