

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 052872-1332 - Rear Differential

Sample No: LH0256462

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0256462	LH0242125	LH0242213	LH0223612
Sample Date	28 Jun 2023	20 Feb 2023	01 Dec 2022	10 May 2022
Machine Hours	20000	18000	16900	14000
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

#### 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	179	187	193	94.6
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#### CONTAMINATION

Silicon	ppm	1	4	2	3
Sodium	ppm	1	2	2	2
Potassium	ppm	<1	0	<1	<1



#### WEAR METALS

Iron	ppm	22	69	32	108
Copper	ppm	14	45	25	15
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	3	2	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	3	7	2	15
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	2	3	25
Magnesium	ppm	<1	0	0	1
Zinc	ppm	14	14	13	18
Phosphorus	ppm	2401	2423	2312	3816
Barium	ppm	0	0	0	<1
Boron	ppm	<1	2	3	238

#### 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: 5644376  
Signed: Wes Davis  
Report Date: 18 Sep 2023



### GRAPHS

