

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053452-1332 - Front Differential

Sample No: LH0256460

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0256460	LH0256265	LH0242236	LH0242149
Sample Date	27 Jun 2023	02 May 2023	23 Mar 2023	01 Feb 2023
Machine Hours	22000	20909	20021	19000
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	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:
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OIL CONDITION

Visc @ 40°C	cSt	186	179	181	184
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CONTAMINATION

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



WEAR METALS

Iron	ppm	16	30	90	116
Copper	ppm	3	7	11	28
Lead	ppm	0	0	<1	<1
Tin	ppm	0	<1	<1	1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	3	10	17
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	5	0	<1
Magnesium	ppm	<1	0	0	0
Zinc	ppm	8	4	5	10
Phosphorus	ppm	2429	2484	2422	2462
Barium	ppm	0	0	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: 5644371
Signed: Wes Davis
Report Date: 18 Sep 2023

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GRAPHS

