

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053452-1332 - Rear Differential

Sample No: LH0256459

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0256459	LH0256266	LH0242216	LH0242237
Sample Date	27 Jun 2023	02 May 2023	23 Mar 2023	23 Mar 2023
Machine Hours	22000	20909	17900	20021
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Resolute Forest Products

1, chemin de la Scierie, Case postale 2250
Baie-Comeau, QC
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OIL CONDITION

Visc @ 40°C	cSt	183	180	194	183



CONTAMINATION

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



WEAR METALS

Element	ppm	11	16	10	33
Iron	ppm	11	16	10	33
Copper	ppm	4	6	6	12
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	1	2	1	5
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

Element	ppm	6	2	2	0
Calcium	ppm	6	2	2	0
Magnesium	ppm	<1	0	0	<1
Zinc	ppm	8	4	6	6
Phosphorus	ppm	2375	2513	2381	2420
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: 5644372
Signed: Wes Davis
Report Date: 18 Sep 2023



GRAPHS

