

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 052852-1332 - Rear Differential

Sample No: LH0269952

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0269952	LH0256339	LH0242202	LH0242254
Sample Date	01 Oct 2023	16 May 2023	02 Mar 2023	30 Nov 2022
Machine Hours	20000	17943	17030	16000
Oil Hours	0	0	0	0
Oil Changed	Changed	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
CA G5C 2S8
Contact: Paul Breton
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OIL CONDITION

Visc @ 40°C	cSt	183	185	186	194
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CONTAMINATION

Silicon	ppm	5	2	<1	1
Sodium	ppm	2	3	1	2
Potassium	ppm	0	<1	<1	<1



WEAR METALS

Iron	ppm	24	37	24	30
Copper	ppm	10	34	18	17
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	2	<1	<1
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	3	2	3
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	11	<1	<1	3
Magnesium	ppm	<1	<1	0	0
Zinc	ppm	9	11	7	10
Phosphorus	ppm	2316	2572	2399	2265
Barium	ppm	<1	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: 5672180
Signed: Wes Davis
Report Date: 08 Nov 2023



GRAPHS

