

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053290-1332 - Front Differential

Sample No: LH0274155

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274155	LH0274163	LH0256272	LH0242141
Sample Date	21 Nov 2023	11 Oct 2023	24 May 2023	10 Feb 2023
Machine Hours	18029	17000	14888	14000
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	178	180	181	183



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	<1	2
Sodium	ppm	1	2	1	2
Potassium	ppm	0	0	0	<1



WEAR METALS

Iron	ppm	40	31	65	96
Copper	ppm	6	6	11	10
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	4	2	8	15
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	0	0	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	8	7	<1	2
Magnesium	ppm	<1	0	0	0
Zinc	ppm	7	10	6	4
Phosphorus	ppm	2259	2279	2538	2518
Barium	ppm	<1	<1	0	<1
Boron	ppm	1	1	2	5

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: 5695426
Signed: Wes Davis
Report Date: 11 Dec 2023



GRAPHS

