

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053290-1332 - Front Differential

Sample No: LH0274163

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274163	LH0256272	LH0242141	LH0242248
Sample Date	11 Oct 2023	24 May 2023	10 Feb 2023	17 Nov 2022
Machine Hours	17000	14888	14000	12981
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
CA G5C 2S8
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OIL CONDITION

Visc @ 40°C	cSt	180	181	183	164



CONTAMINATION

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



WEAR METALS

Element	ppm	31	65	96	56
Iron	ppm	31	65	96	56
Copper	ppm	6	11	10	10
Lead	ppm	<1	<1	0	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	2	8	15	4
Nickel	ppm	<1	<1	<1	<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

Element	ppm	7	<1	2	5
Calcium	ppm	7	<1	2	5
Magnesium	ppm	0	0	0	<1
Zinc	ppm	10	6	4	10
Phosphorus	ppm	2279	2538	2518	2430
Barium	ppm	<1	0	<1	<1
Boron	ppm	1	2	5	53

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: 5672179
Signed: Wes Davis
Report Date: 08 Nov 2023



GRAPHS

