

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 051594-1464 - Front Differential

Sample No: LH0274165

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274165	LH0256342	LH0242244	LH0242117
Sample Date	19 Oct 2023	23 May 2023	15 Mar 2023	12 Jan 2023
Machine Hours	24000	22038	20934	20000
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	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	184	179	181	193
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CONTAMINATION

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



WEAR METALS

Iron	ppm	13	14	22	20
Copper	ppm	6	11	18	13
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	<1	1	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
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	9	<1	0	3
Magnesium	ppm	0	0	0	0
Zinc	ppm	10	7	8	11
Phosphorus	ppm	2265	2549	2401	2463
Barium	ppm	<1	0	0	0
Boron	ppm	<1	<1	1	3

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: 5672178
Signed: Wes Davis
Report Date: 08 Nov 2023



GRAPHS

