

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 112210-1216 - Front Differential

Sample No: LH0274087

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274087	LH0256255	LH0242206	LH0242157
Sample Date	02 Nov 2023	08 May 2023	07 Mar 2023	04 Jan 2023
Machine Hours	21000	19945	18000	17110
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	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
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OIL CONDITION

Visc @ 40°C	cSt	178	182	186	194



CONTAMINATION

Element	Unit	0	1	<1	<1
Silicon	ppm	0	0	<1	<1
Sodium	ppm	2	1	2	3
Potassium	ppm	0	0	0	<1



WEAR METALS

Element	Unit	2	1	1	2
Iron	ppm	2	1	1	2
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	Unit	5	0	<1	7
Calcium	ppm	5	0	<1	7
Magnesium	ppm	0	0	<1	0
Zinc	ppm	3	2	2	4
Phosphorus	ppm	2312	2491	2484	2446
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: 5672174
Signed: Wes Davis
Report Date: 08 Nov 2023



GRAPHS

