

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 112210-1216 - Swing Drive

Sample No: LH0274079

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274079	LH0256252	LH0119148	LH0242153
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
Contact: Paul Breton
paul.breton@liebherr.com
T:
F: (418)960-2788



OIL CONDITION

Visc @ 40°C	cSt	177	184	190	192
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CONTAMINATION

Silicon	ppm	10	0	<1	<1
Sodium	ppm	2	1	2	2
Potassium	ppm	<1	<1	<1	0



WEAR METALS

Iron	ppm	319	31	34	42
Copper	ppm	96	16	16	14
Lead	ppm	3	<1	<1	<1
Tin	ppm	11	<1	<1	<1
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	1	0	0	<1
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	2	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	0	1	2
Magnesium	ppm	<1	0	0	0
Zinc	ppm	24	4	18	9
Phosphorus	ppm	2271	2463	2436	2434
Barium	ppm	0	0	0	0
Boron	ppm	5	<1	<1	2

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: 5672198
Signed: Kevin Marson
Report Date: 08 Nov 2023



GRAPHS

