

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 111552-1216 - Swing Drive

Sample No: LH0274137

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274137	LH0256475	LH0242178	LH0242189
Sample Date	27 Sep 2023	18 Jun 2023	20 Dec 2022	18 Oct 2022
Machine Hours	18934	18000	17000	14900
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
Contact: Paul Breton
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OIL CONDITION

Visc @ 40°C	cSt	182	184	191	188
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CONTAMINATION

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



WEAR METALS

Iron	ppm	49	39	31	34
Copper	ppm	21	20	14	13
Lead	ppm	<1	<1	<1	<1
Tin	ppm	1	1	<1	<1
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	<1	0	<1
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	17	6	4	5
Magnesium	ppm	<1	<1	0	<1
Zinc	ppm	12	16	9	9
Phosphorus	ppm	2281	2341	2368	2430
Barium	ppm	<1	0	0	0
Boron	ppm	1	3	2	4

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: 5672157
Signed: Wes Davis
Report Date: 08 Nov 2023



GRAPHS

