

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 11552-1216 - Rear Differential

Sample No: LH0274140

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274140	LH0256474	LH0256472	LH0242186
Sample Date	27 Sep 2023	18 Jun 2023	18 Jun 2023	20 Dec 2022
Machine Hours	18934	18000	18000	17000
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
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OIL CONDITION

Visc @ 40°C	cSt	179	178	178	194



CONTAMINATION

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



WEAR METALS

Element	Unit	13	8	9	9
Iron	ppm	13	8	9	9
Copper	ppm	4	3	3	3
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	0
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	Unit	13	7	8	4
Calcium	ppm	13	7	8	4
Magnesium	ppm	0	<1	<1	0
Zinc	ppm	5	6	6	5
Phosphorus	ppm	2298	2388	2489	2370
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: 5672188
Signed: Wes Davis
Report Date: 08 Nov 2023

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GRAPHS

