

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 112210-1216 - Transmission (Manual)

Sample No: LH0274081

Oil Type: PETRO CANADA 10W30



SAMPLE INFORMATION

Sample Number	LH0274081	LH0256256	LH0119146	LH0242152
Sample Date	02 Nov 2023	08 May 2023	07 Mar 2023	04 Jan 2023
Machine Hours	21000	18945	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
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OIL CONDITION

Visc @ 40°C	cSt	54.7	53.9	54.3	55.1
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CONTAMINATION

Silicon	ppm	5	4	4	4
Sodium	ppm	2	1	1	2
Potassium	ppm	0	<1	<1	<1



WEAR METALS

Iron	ppm	24	14	17	20
Copper	ppm	5	2	3	5
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	2	2	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	63	63	63	65
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	1	1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1078	1155	1116	1143
Magnesium	ppm	1019	1007	997	1036
Zinc	ppm	1235	1277	1247	1284
Phosphorus	ppm	1108	1204	1197	1223
Barium	ppm	<1	0	0	0
Boron	ppm	2	3	4	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 le fluide. L'état de le fluide est acceptable pour la durée de service.

Depot: RESBAI
Unique No: 5672134
Signed: Kevin Marson
Report Date: 08 Nov 2023



GRAPHS

