

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358629)] LIEBHERR LH50M 133653-1216 - Transmission (Ma

Sample No: LH0153131

Oil Type: PETRO CANADA 10W30



SAMPLE INFORMATION

Sample Number	LH0153131	LH0250030	LH0246619	LH0199467
Sample Date	29 Aug 2023	26 Jan 2023	28 Nov 2022	13 Oct 2022
Machine Hours	3000	10000	9038	7976
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PF Resolu Canada Inc.
5850 avenue des jardins
La Dore, QC
CA G8J 1B4
Contact: Dominic Caron



OIL CONDITION

Visc @ 40°C	cSt	52.3	53.6	50.4	54.3
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T:
F:



CONTAMINATION

Silicon	ppm	5	4	5	4
Sodium	ppm	8	2	4	2
Potassium	ppm	<1	0	0	0

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.



WEAR METALS

Iron	ppm	48	20	26	27
Copper	ppm	33	7	14	13
Lead	ppm	1	0	<1	<1
Tin	ppm	1	<1	<1	<1
Aluminum	ppm	2	3	3	2
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	58	61	61	61
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	8	3	4	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1326	1076	1022	1138
Magnesium	ppm	935	1038	1065	1013
Zinc	ppm	1226	1237	1233	1241
Phosphorus	ppm	1179	1174	1181	1190
Barium	ppm	0	0	0	0
Boron	ppm	2	16	34	2

Depot: ABILAD
Unique No: 5633477
Signed: Wes Davis
Report Date: 05 Sep 2023



GRAPHS

