

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Transmission

Sample No: LH

Oil Type: SAE 10W30



SAMPLE INFORMATION

Sample Number	LH	LH	LH	LH
Sample Date	16 Jan 2024	30 Nov 2023	11 Oct 2023	04 Jul 2023
Machine Hours	6000	5000	4000	2000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
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	55.2	54.1	54.0	59.6
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	5	5
Sodium	ppm	2	3	5	10
Potassium	ppm	<1	0	0	<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 le fluide. L'état de le fluide est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	26	41	47	42
Copper	ppm	10	20	26	34
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	<1	<1	1
Aluminum	ppm	2	2	2	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	62	63	60	51
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	2	4	5	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1114	1147	1155	1526
Magnesium	ppm	1000	1001	965	838
Zinc	ppm	1210	1240	1201	1214
Phosphorus	ppm	1104	1115	1099	1181
Barium	ppm	0	<1	<1	<1
Boron	ppm	2	2	2	3

Depot: ABILAD
Unique No: 5711093
Signed: Wes Davis
Report Date: 19 Jan 2024



GRAPHS

