

LIEBHERR

CONSTRUCTION EQUIPMENT



[(342783)] LIEBHERR LH50M 128861-1216 - Swing Drive

Sample No: LH0195931

Oil Type: IRVING HDH SAE 75W90



BeCar Inc.
 1053 boul Ducharme
 La Tuque, QC
 CA G9X 3C3
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SAMPLE INFORMATION

Sample Number	LH0195931	LH0228122	LH0199442	LH0195956
Sample Date	17 Oct 2023	17 May 2023	20 Nov 2022	15 Mar 2022
Machine Hours	5927	9551	7300	4600
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	91.1	87.7	92.3	93.6



CONTAMINATION

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



WEAR METALS

Element	ppm	100	102	103	51
Iron	ppm	100	102	103	51
Copper	ppm	71	115	124	67
Lead	ppm	2	3	3	2
Tin	ppm	2	3	4	1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	ppm	11	41	49	257
Calcium	ppm	11	41	49	257
Magnesium	ppm	6	1	2	2
Zinc	ppm	15	31	26	120
Phosphorus	ppm	841	891	596	661
Barium	ppm	<1	0	0	0
Boron	ppm	111	98	42	41

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: BECLAT
Unique No: 5659178
Signed: Wes Davis
Report Date: 18 Oct 2023

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GRAPHS

