

LIEBHERR

CONSTRUCTION EQUIPMENT



[(370851)] LIEBHERR LH50M 136353-1216 - Front Right Wheel

Sample No: LH0228161

Oil Type: IRVING HDH SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0228161	LH0228137	LH0228149	LH0215265
Sample Date	17 Oct 2023	18 May 2023	20 Nov 2022	13 Sep 2022
Machine Hours	5927	4491	2575	1884
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

BeCar Inc.

1053 boul Ducharme

La Tuque, QC

CA G9X 3C3

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OIL CONDITION

Visc @ 40°C	cSt	94.3	89.5	92.5	97.2



CONTAMINATION

Element	ppm	4	6	15	25
Silicon	ppm	4	6	15	25
Sodium	ppm	1	<1	2	3
Potassium	ppm	<1	1	<1	2



WEAR METALS

Element	ppm	24	30	104	172
Iron	ppm	24	30	104	172
Copper	ppm	9	13	101	185
Lead	ppm	<1	0	3	4
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	5	8
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	5	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	ppm	22	14	42	88
Calcium	ppm	22	14	42	88
Magnesium	ppm	<1	<1	<1	2
Zinc	ppm	15	17	76	105
Phosphorus	ppm	1031	1088	1159	1200
Barium	ppm	<1	0	0	0
Boron	ppm	153	143	120	48

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: 5659182

Signed: Wes Davis

Report Date: 18 Oct 2023



GRAPHS

