

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0228160

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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

Sample Number	LH0228160	LH0228136	LH0228148	LH0215266
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	ABNORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	86.4	73.0	93.0	97.5



CONTAMINATION

Element	ppm	6	17	18	28
Silicon	ppm	6	17	18	28
Sodium	ppm	2	2	2	3
Potassium	ppm	<1	<1	1	2



WEAR METALS

Element	ppm	95	171	165	236
Iron	ppm	95	171	165	236
Copper	ppm	72	71	91	146
Lead	ppm	2	1	2	3
Tin	ppm	0	0	0	0
Aluminum	ppm	3	3	4	7
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	3	5	5	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	ppm	99	392	47	92
Calcium	ppm	99	392	47	92
Magnesium	ppm	1	3	<1	2
Zinc	ppm	79	203	69	88
Phosphorus	ppm	974	854	1158	1221
Barium	ppm	<1	<1	0	0
Boron	ppm	109	59	115	45

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: 5659177
Signed: Wes Davis
Report Date: 18 Oct 2023



GRAPHS

