

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 086015-1203 - Front Left Wheel Hub

Sample No: LH0278353

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0278353	LH0234497	LH0194939	LH0132717
Sample Date	28 Nov 2023	27 Jun 2022	31 Aug 2021	09 Jun 2020
Machine Hours	20736	17693	15995	14601
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Dartmouth Metals & Bottle Ltd.
 14 Dawn Drive
 Dartmouth, NS
 CA B3B 1H9
 Contact: Service



OIL CONDITION

Visc @ 40°C	cSt	103	101	92.3	89.4
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	5	<1
Sodium	ppm	1	1	2	<1
Potassium	ppm	<1	<1	<1	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	38	80	42
Copper	ppm	3	5	5	9
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	6	8	13
Magnesium	ppm	2	1	2	3
Zinc	ppm	11	15	11	14
Phosphorus	ppm	1212	1176	1289	1318
Barium	ppm	0	0	0	0
Boron	ppm	298	293	317	328

Depot: DAR14DAR
Unique No: 5709008
Signed: Wes Davis
Report Date: 10 Jan 2024

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GRAPHS

