

LIEBHERR

CONSTRUCTION EQUIPMENT



[(355228)] LIEBHERR LH60M 114198-1217 - Rear Right Wheel

Sample No: LH0269772

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0269772	LH0225075	LH0224840	LH0224956
Sample Date	22 Sep 2023	10 Feb 2023	18 Nov 2022	12 Aug 2022
Machine Hours	7355	4980	4073	3039
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

AltaSteel
 9401 34 St NW
 Edmonton, AB
 CA T6B 2X6
 Contact: Richard Bailey
 richard.bailey@altasteel.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	105	96.8	106	109
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CONTAMINATION

Silicon	ppm	2	2	<1	2
Sodium	ppm	<1	<1	1	1
Potassium	ppm	<1	<1	<1	0



WEAR METALS

Iron	ppm	11	13	8	17
Copper	ppm	14	7	11	31
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	8	10	5	10
Magnesium	ppm	1	2	2	<1
Zinc	ppm	15	14	16	24
Phosphorus	ppm	1240	1294	1007	1316
Barium	ppm	<1	0	<1	8
Boron	ppm	316	284	159	276

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.

Depot: ALT940EDM
Unique No: 5646717
Signed: Wes Davis
Report Date: 28 Sep 2023



GRAPHS

