

LIEBHERR

CONSTRUCTION EQUIPMENT



092696 - Rear Right Wheel Hub

Sample No: LH0274560

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274560	LH0247217	LH0239178	LH0180911
Sample Date	05 Sep 2023	06 Apr 2023	08 Sep 2022	19 Oct 2021
Machine Hours	13109	12387	11186	9262
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

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Hamilton, ON
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Contact: Heavy Equipment
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OIL CONDITION

Visc @ 40°C	cSt	99.1	96.6	118	104
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CONTAMINATION

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



WEAR METALS

Iron	ppm	3	3	11	2
Copper	ppm	5	5	<1	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	8	9	6	6
Magnesium	ppm	2	3	<1	2
Zinc	ppm	12	13	7	8
Phosphorus	ppm	1280	1329	852	1295
Barium	ppm	0	0	0	0
Boron	ppm	303	297	23	318

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: AMEHAM
Unique No: 5633853
Signed: Wes Davis
Report Date: 06 Sep 2023



GRAPHS

