

LIEBHERR

CONSTRUCTION EQUIPMENT



24016 - Front Right Wheel Hub

Sample No: LH0123060

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0123060	LH0216220	LH0234748	---
Sample Date	10 Oct 2023	21 Apr 2023	27 Jul 2022	---
Machine Hours	20995	20510	19901	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

American Iron and Metal

75 Steel City Court
Hamilton, ON
CA L8H 3Y2
Contact: Heavy Equipment
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OIL CONDITION

Visc @ 40°C	cSt	96.1	89.8	87.4	---
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CONTAMINATION

Silicon	ppm	<1	<1	1	---
Sodium	ppm	2	1	3	---
Potassium	ppm	<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	40	38	43	---
Copper	ppm	3	3	4	---
Lead	ppm	<1	2	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	19	19	27	---
Magnesium	ppm	2	3	3	---
Zinc	ppm	41	42	51	---
Phosphorus	ppm	1293	1257	1131	---
Barium	ppm	<1	0	0	---
Boron	ppm	249	283	264	---

Depot: AMEHAM
Unique No: 5658052
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

