

LIEBHERR

CONSTRUCTION EQUIPMENT



100881- Rear Left Wheel Hub

Sample No: LH0289619

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0289619	LH0153879	---	---
Sample Date	01 May 2024	16 Jun 2023	---	---
Machine Hours	6972	5929	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

American Iron and Metal
 2555 Sheffield Road
 Ottawa, ON
 CA K1B 3V6
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Oil Condition

Visc @ 40°C	cSt	106	107	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	3	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	<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	3	3	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	320	361	---	---
Magnesium	ppm	3	3	---	---
Zinc	ppm	151	164	---	---
Phosphorus	ppm	1121	1227	---	---
Barium	ppm	0	0	---	---
Boron	ppm	248	250	---	---

Depot: BAKOTT
 Unique No: 5773987
 Signed: Wes Davis
 Report Date: 02 May 2024



Graphs

