

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 067666-1760 - Front Differential

Sample No: LH0176019

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0176019	LH0234000	---	---
Sample Date	02 Aug 2023	15 Dec 2022	---	---
Machine Hours	1520	1018	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

WEST CARLETON SAND & GRAVEL INC.
3232 CARP ROAD
CARP, ON
CA K0A 1L0
Contact: Troy Whalen
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T: (613)836-3090
F:



OIL CONDITION

Visc @ 40°C	cSt	● 100	● 194	---	---
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CONTAMINATION

Silicon	ppm	● 6	● 27	---	---
Sodium	ppm	● 3	● 8	---	---
Potassium	ppm	● <1	● 2	---	---



WEAR METALS

Iron	ppm	● 67	● 240	---	---
Copper	ppm	● 75	● 177	---	---
Lead	ppm	● 2	● 4	---	---
Tin	ppm	● 3	● 12	---	---
Aluminum	ppm	● <1	● 2	---	---
Chromium	ppm	● <1	● 2	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	● 1	---	---
Titanium	ppm	● 0	● <1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 14	53	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	● 5	● 12	---	---
Magnesium	ppm	● 1	● 2	---	---
Zinc	ppm	● 38	156	---	---
Phosphorus	ppm	2551	● 2282	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 203	● 2	---	---

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: WES654STI
Unique No: 5629896
Signed: Wes Davis
Report Date: 18 Aug 2023



GRAPHS

