

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 067666-1760 - Front Differential

Sample No: LH0233934

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0233934	LH0176019	LH0234000	---
Sample Date	22 Jan 2024	02 Aug 2023	15 Dec 2022	---
Machine Hours	5478	1520	1018	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	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	95.8	100	194	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	6	27	---
Sodium	ppm	<1	3	8	---
Potassium	ppm	<1	<1	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.



WEAR METALS

Iron	ppm	9	67	240	---
Copper	ppm	<1	75	177	---
Lead	ppm	<1	2	4	---
Tin	ppm	0	3	12	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	0	<1	2	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	<1	1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	14	53	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	70	5	12	---
Magnesium	ppm	<1	1	2	---
Zinc	ppm	29	38	156	---
Phosphorus	ppm	1223	2551	2282	---
Barium	ppm	0	0	0	---
Boron	ppm	182	203	2	---

Depot: WES654STI
 Unique No: 5723201
 Signed: Wes Davis
 Report Date: 07 Feb 2024



GRAPHS

