



CONSTRUCTION EQUIPMENT

REGION OF WATERLOO 407438 VOLVO L150H 6828 - FRONT AXLE



Sample No: VCP392996
Oil Type: VOLVO WB 101
Job No: 407438



SAMPLE INFORMATION

Sample Number	VCP392996	VCP394767	VCP297502	---
Sample Date	07 Jun 2024	31 Jul 2023	24 Jun 2021	---
Machine Hours	9999	8027	3945	---
Oil Hours	2000	4000	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Strongco Equipment

5179 Fountain St N.
Breslau, ON
CA N0B 1M0
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OIL CONDITION

Visc @ 40°C	cSt	42.5	38.7	39.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	9	12	---
Sodium	ppm	2	8	5	---
Potassium	ppm	<1	1	3	---

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	60	115	155	---
Copper	ppm	8	13	14	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	2	1	---
Chromium	ppm	<1	2	5	---
Molybdenum	ppm	0	<1	4	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	2	7	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3782	3663	3921	---
Magnesium	ppm	12	13	10	---
Zinc	ppm	1575	1537	1688	---
Phosphorus	ppm	1263	1383	1358	---
Barium	ppm	0	0	0	---
Boron	ppm	113	109	113	---

Depot: CASKIT
Unique No: 5801371
Signed: Wes Davis
Report Date: 25 Jun 2024



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GRAPHS

