



CONSTRUCTION EQUIPMENT

REGION OF WATERLOO 397031 VOLVO L150H 6830 - FRONT AXLE



Sample No: VCP382301
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 397031



SAMPLE INFORMATION

Sample Number	VCP382301	VCP333744	VCP273699	---
Sample Date	05 Mar 2024	15 Jul 2022	07 Jun 2021	---
Machine Hours	6000	3955	2401	---
Oil Hours	2000	4000	2000	---
Oil Changed	Not Changd	Changed	Not Changd	---
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	41.7	39.3	39.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	11	12	---
Sodium	ppm	1	7	5	---
Potassium	ppm	<1	4	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	33	130	91	---
Copper	ppm	12	16	14	---
Lead	ppm	0	1	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	<1	4	3	---
Molybdenum	ppm	0	4	4	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	6	5	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	4067	3861	3756	---
Magnesium	ppm	12	9	9	---
Zinc	ppm	1609	1559	1610	---
Phosphorus	ppm	1284	1316	1341	---
Barium	ppm	<1	0	0	---
Boron	ppm	122	110	108	---

Depot: CASKIT
Unique No: 5749536
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

