



# CONSTRUCTION EQUIPMENT

373591 VOLVO L150H 6828 - REAR AXLE



**Sample No:** VCP394758  
**Oil Type:** VOLVO WB 101  
**Job No:** 373591



## SAMPLE INFORMATION

Sample Number	<b>VCP394758</b>	VCP297793	---	---
Sample Date	<b>31 Jul 2023</b>	24 Jun 2021	---	---
Machine Hours	<b>8027</b>	3945	---	---
Oil Hours	<b>4000</b>	0	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**Strongco Equipment**  
 5179 Fountain St N.  
 Breslau, ON  
 CA N0B 1M0  
 Contact: Matt Crisci  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>39.3</b>	39.5	---	---
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## CONTAMINATION

Silicon	ppm	<b>9</b>	10	---	---
Sodium	ppm	<b>8</b>	4	---	---
Potassium	ppm	<b>1</b>	2	---	---



## WEAR METALS

Iron	ppm	<b>90</b>	96	---	---
Copper	ppm	<b>10</b>	19	---	---
Lead	ppm	<b>&lt;1</b>	<1	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>2</b>	<1	---	---
Chromium	ppm	<b>2</b>	3	---	---
Molybdenum	ppm	<b>&lt;1</b>	2	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<b>3</b>	4	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



## ADDITIVES

Calcium	ppm	<b>3868</b>	3879	---	---
Magnesium	ppm	<b>14</b>	8	---	---
Zinc	ppm	<b>1586</b>	1668	---	---
Phosphorus	ppm	<b>1403</b>	1339	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>115</b>	110	---	---

## 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:** CASKIT  
**Unique No:** 5618861  
**Signed:** Wes Davis  
**Report Date:** 02 Aug 2023



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## GRAPHS

