



# CONSTRUCTION EQUIPMENT

## SWA200087 WASTE CONN VOLVO L150H 7103 - REAR AXLE



**Sample No:** VCP409882  
**Oil Type:** VOLVO WB 102  
**Job No:** SWA200087 WASTE CONN



### SAMPLE INFORMATION

Sample Number	<b>VCP409882</b>	VCP395884	---	---
Sample Date	<b>06 Mar 2023</b>	09 Feb 2023	---	---
Machine Hours	<b>1726</b>	1501	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Changed</b>	Not Chngd	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>40.7</b>	41.3	---	---
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### CONTAMINATION

Silicon	ppm	<b>17</b>	15	---	---
Sodium	ppm	<b>4</b>	12	---	---
Potassium	ppm	<b>3</b>	<1	---	---



### WEAR METALS

Iron	ppm	<b>810</b>	737	---	---
Copper	ppm	<b>1</b>	2	---	---
Lead	ppm	<b>0</b>	1	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>3</b>	2	---	---
Chromium	ppm	<b>10</b>	10	---	---
Molybdenum	ppm	<b>8</b>	8	---	---
Nickel	ppm	<b>2</b>	2	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>13</b>	13	---	---
Vanadium	ppm	<b>&lt;1</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>4251</b>	3845	---	---
Magnesium	ppm	<b>11</b>	12	---	---
Zinc	ppm	<b>1654</b>	1463	---	---
Phosphorus	ppm	<b>1376</b>	1208	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>127</b>	133	---	---

### Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. All other 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:** VOLVO0093  
**Unique No:** 10384971  
**Signed:** Sean Felton  
**Report Date:** 21 Mar 2023



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## GRAPHS

