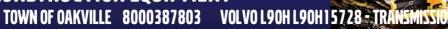


## **CONSTRUCTION EQUIPMENT**





Oil Type: **VOLVO AUTOMATIC TRANSMISSION FLUID AT102** 

Job No: 8000387803

| VOLVO         | E INFORMATION |               |      |  |
|---------------|---------------|---------------|------|--|
|               | INFURMATION   |               |      |  |
| Sample Number |               | VCP392128     | <br> |  |
| Sample Date   |               | 14 Dec 2023   | <br> |  |
| Machine Hours |               | 2223          | <br> |  |
| Oil Hours     |               | 2000          | <br> |  |
| Oil Changed   |               | Not Changd    | <br> |  |
| Sample Status |               | ABNORMAL      | <br> |  |
|               |               |               |      |  |
| OIL CON       | IDITION       |               |      |  |
| Visc @ 40°C   | cSt           | <b>28.4</b>   | <br> |  |
| VISC @ 40 C   | CSt           | <b>20.4</b>   | <br> |  |
| VOLVO         |               |               |      |  |
| CONTAI        | MINATION      |               |      |  |
| Water         | %             | NEG           | <br> |  |
| Silicon       | ppm           | <b>14</b>     | <br> |  |
| Sodium        | ppm           | <b>6</b>      | <br> |  |
| Potassium     | ppm           | <1            | <br> |  |
|               |               | _             |      |  |
| VOLVO         | ACTAL C       |               |      |  |
| WEAR I        | METAT2        |               |      |  |
| PQ            |               | <b>2</b>      | <br> |  |
| Iron          | ppm           | <u> </u>      | <br> |  |
| Copper        | ppm           | <b>12</b>     | <br> |  |
| Lead          | ppm           | <b>■&lt;1</b> | <br> |  |
| Tin           | ppm           | ■0            | <br> |  |
| Aluminum      | ppm           | <b>1</b>      | <br> |  |
| Chromium      | ppm           | <b></b>       | <br> |  |
| Molybdenum    | ppm           | <b>■&lt;1</b> | <br> |  |
| Nickel        | ppm           | <b>■&lt;1</b> | <br> |  |
| Titanium      | ppm           | 0             | <br> |  |
| Silver        | ppm           | <1            | <br> |  |
| Manganese     | ppm           | <b>■</b> 9    | <br> |  |
| Vanadium      | ppm           | 0             | <br> |  |
|               |               |               |      |  |
| ADDITIV       | /FC           |               |      |  |
| _             |               | <b>-126</b>   |      |  |
| Calcium       | ppm           | ■138          | <br> |  |
| Magnesium     | ppm           | <b>2</b>      | <br> |  |
| Zinc          | ppm           | <b>■</b> 62   | <br> |  |
| Phosphorus    | ppm           | <b>207</b>    | <br> |  |
| Barium        | ppm           | <b>2</b>      | <br> |  |
| Boron         | ppm           | <b>61</b>     | <br> |  |



#### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD MISSISSAUGA, ON CA L4W 4L4 Contact: Janice Cripps jcripps@strongco.com T: (905)565-3876 F: (905)670-2338

### Diagnosis

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: **SHEMIS Unique No:** 5696624 Signed: Kevin Marson Report Date: 18 Dec 2023



# **CONSTRUCTION EQUIPMENT**





