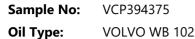


CONSTRUCTION EQUIPMENT
IMPACT AUTO 384876 VOLVO L90G 617649 - FRONT AXLE



Job No: 384876

| VOLVO         | INFORMATION   |                |             |      |
|---------------|---------------|----------------|-------------|------|
|               | E INFORMATION |                | <u> </u>    |      |
| Sample Number |               | VCP394375      | VCP347045   | <br> |
| Sample Date   |               | 07 Dec 2023    | 21 Mar 2022 | <br> |
| Machine Hours |               | 14115          | 12025       | <br> |
| Oil Hours     |               | 0              | 0           | <br> |
| Oil Changed   |               | Changed        | Not Changd  | <br> |
| Sample Status |               | NORMAL         | NORMAL      | <br> |
| VOLVO         |               |                |             |      |
| OIL CON       | NITION        |                |             |      |
| Visc @ 40°C   | cSt           | = 20.4         |             | <br> |
|               | CST           | ■39.4          | <b>41.4</b> | <br> |
| VOLVO         |               |                |             |      |
| CONTAN        | MINATION      |                |             |      |
| Water         | %             | NEG            | NEG         | <br> |
| Silicon       | ppm           | <b>16</b>      | □10         | <br> |
| Sodium        | ppm           | □4             | <1          | <br> |
| Potassium     | ppm           | <b>□&lt;1</b>  | <b>-</b> <1 | <br> |
|               | 1.1.          | _              |             |      |
| VOLVO         | AETAL C       |                |             |      |
| WEAR N        | AF I ALS      |                |             |      |
| Iron          | ppm           | <b>■20</b>     | ■27         | <br> |
| Copper        | ppm           | <b>■&lt;1</b>  | <b>-</b> <1 | <br> |
| Lead          | ppm           | <b>■&lt;1</b>  | <b>0</b>    | <br> |
| Tin           | ppm           | <b>■</b> 0     | <b>0</b>    | <br> |
| Aluminum      | ppm           | <b>1</b>       | <1          | <br> |
| Chromium      | ppm           | <b>■&lt;1</b>  | <b>-</b> <1 | <br> |
| Molybdenum    | ppm           | <b>■</b> 0     | <b>0</b>    | <br> |
| Nickel        | ppm           | <b>■&lt;1</b>  | <b>-</b> <1 | <br> |
| Titanium      | ppm           | 0              | 0           | <br> |
| Silver        | ppm           | <1             | 0           | <br> |
| Manganese     | ppm           | <b>■</b> <1    | <b>-</b> <1 | <br> |
| Vanadium      | ppm           | 0              | 0           | <br> |
|               |               |                |             |      |
| ADDITIV       | ZES           |                |             |      |
| Calcium       | ppm           | ■3850          | □3775       | <br> |
| Magnesium     | ppm           | ■20            | 11          | <br> |
| Zinc          | ppm           | <b>1461</b>    | <b>1613</b> | <br> |
| Phosphorus    | ppm           | ■ 1136         | 1379        | <br> |
| Barium        | ppm           | <b>■ &lt;1</b> | 0           | <br> |
|               | In In         | · · · ·        |             |      |



### STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW Acheson, AB CA T7X 6C2 Contact: Jonathan Morton jmorton@strongco.com T: (780)464-1909 F: (780)464-0434

## 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: VOLVO3908 **Unique No:** 5695051 Signed: Wes Davis Report Date: 09 Dec 2023

**113** 

ppm

Boron



# **CONSTRUCTION EQUIPMENT**





