CONSTRUCTION EQUIPMENT SW1029410 MGC VOLVOL110F 61748 - FRONT AXLE

 Sample No:
 VCP442973

 Oil Type:
 VOLVO WB 102

 Job No:
 SW1029410 MGC

VOINTO

|               | INFORMATION |             |       |  |
|---------------|-------------|-------------|-------|--|
| Sample Number |             | VCP442973   | <br>  |  |
| Sample Date   |             | 31 Jan 2024 | <br>  |  |
| Machine Hours |             | 6240        | <br>  |  |
| Oil Hours     |             | 0           | <br>  |  |
| Oil Changed   |             | Changed     | <br>  |  |
| Sample Status |             | NORMAL      | <br>  |  |
|               |             |             |       |  |
| OIL CON       | DITION      |             |       |  |
| Visc @ 40°C   | cSt         | <b>40.7</b> | <br>  |  |
|               |             |             |       |  |
|               | INATION     |             | <br>  |  |
|               |             |             | <br>- |  |
| Water         | %           | NEG         | <br>  |  |
| Silicon       | ppm         | <b>1</b> 4  | <br>  |  |
| Sodium        | ppm         | 0           | <br>  |  |
| Potassium     | ppm         | 2           | <br>  |  |
| VOLVO         |             |             |       |  |
| WEAR M        | IETALS      |             |       |  |
| Iron          | ppm         | 96          | <br>  |  |
| Copper        | ppm         | 2           | <br>  |  |
| Lead          | ppm         | 0           | <br>  |  |
| Tin           | ppm         | 0           | <br>  |  |
| Aluminum      | ppm         | 2           | <br>  |  |
| Chromium      | ppm         | <b>□</b> <1 | <br>  |  |
| Molybdenum    | ppm         | 0           | <br>  |  |
| Nickel        | ppm         | 0           | <br>  |  |
| Titanium      | ppm         | <1          | <br>  |  |
| Silver        | ppm         | 0           | <br>  |  |
| Manganese     | ppm         | <b>1</b>    | <br>  |  |
| Vanadium      | ppm         | 0           | <br>  |  |
|               |             |             |       |  |
| ADDITIV       | ES          |             | <br>  |  |
| Calcium       | ppm         | 3744        | <br>  |  |
| Magnesium     | ppm         | <b>1</b> 4  | <br>  |  |
| Zinc          | ppm         | <b>1724</b> | <br>  |  |
|               |             |             |       |  |



## ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE PHOENIX, AZ US 85040 Contact: RANDY PRZEKURAT randyp@arnoldmachinery.com T: F: (602)414-1904

## 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:       | VOLVO6174   |  |  |
|--------------|-------------|--|--|
| Unique No:   | 10863737    |  |  |
| Signed:      | Wes Davis   |  |  |
| Report Date: | 07 Feb 2024 |  |  |

1045

5 🔲

130

Phosphorus

Barium

Boron

ppm

ppm

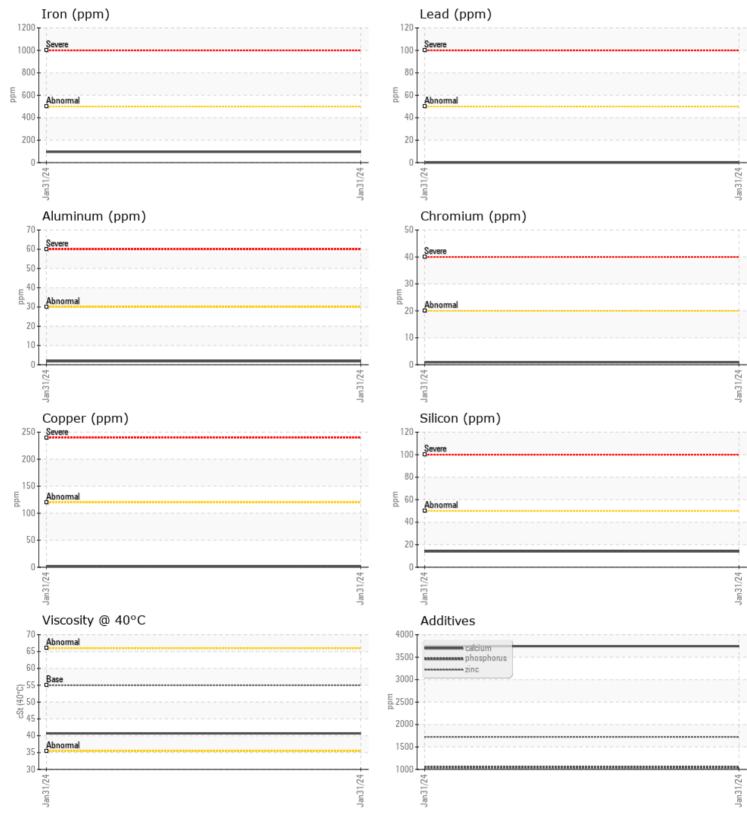
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 06081646 (Generated: 02/07/2024 09:36:04) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174