CONSTRUCTION EQUIPMENT 353597 VOLVO EC350EL 314416 - REAR LEFT FINAL DRIVE

| Sample No: | VCP441910                         |
|------------|-----------------------------------|
| Oil Type:  | VOLVO SUPER GEAR OIL 75W-80-GO102 |
| Job No:    | 353597                            |

## **SAMPLE INFORMATION**

VOLVO

| Sample Number | -        | VCP441910    | <br> |  |
|---------------|----------|--------------|------|--|
| Sample Date   |          | 14 Sep 2023  | <br> |  |
| Machine Hours |          | 1579         | <br> |  |
| Oil Hours     |          | 0            | <br> |  |
| Oil Changed   |          | N/A          | <br> |  |
| Sample Status |          | ABNORMAL     | <br> |  |
|               |          |              |      |  |
| OIL CON       | DITION   |              |      |  |
| Visc @ 40°C   | cSt      | 162          | <br> |  |
|               |          |              |      |  |
| CONTAI        | MINATION |              |      |  |
| Water         | %        | NEG          | <br> |  |
| Silicon       | ppm      | <b>A</b> 116 | <br> |  |
| Sodium        | ppm      | 3            | <br> |  |
| Potassium     | ppm      | <b>12</b>    | <br> |  |
|               |          |              |      |  |
| WEAR I        | METALS   |              |      |  |
| Iron          | ppm      | <u> </u>     | <br> |  |
| Copper        | ppm      | 2            | <br> |  |
| Lead          | ppm      | 0            | <br> |  |
| Tin           | ppm      |              | <br> |  |
| Aluminum      | ppm      | <b>A</b> 27  | <br> |  |
| Chromium      | ppm      | <u> </u>     | <br> |  |
| Molybdenum    | ppm      | 2            | <br> |  |
| Nickel        | ppm      | ∎1           | <br> |  |
| Titanium      | ppm      | 2            | <br> |  |
| Silver        | ppm      | 0            | <br> |  |
| Manganese     | ppm      | <b>1</b> 0   | <br> |  |
| Vanadium      | ppm      | <1           | <br> |  |
| VOLVO         |          |              |      |  |
| ADDITI        | VES      |              |      |  |
| Calcium       | ppm      | 301          | <br> |  |
| Magnesium     | ppm      | 3            | <br> |  |
| Zinc          | ppm      | 0            | <br> |  |
|               |          |              |      |  |



## CALLANAN

RT 32 677 FLATBUSH RD EAST KINGSTON, NY US 12401 Contact:

## Diagnosis

T: F:

> We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

| Depot:       | CALEAS      |
|--------------|-------------|
| Unique No:   | 10655633    |
| Signed:      | Sean Felton |
| Report Date: | 20 Sep 2023 |

233

0 🔲 **||** <1

ppm

ppm

ppm

Phosphorus

Barium

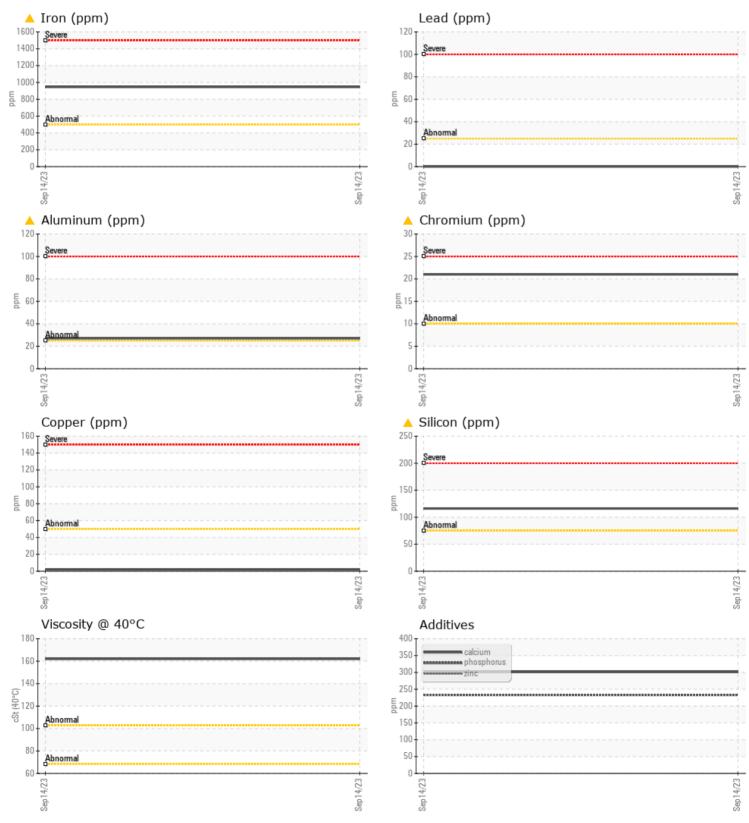
Boron

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: CALEAS [WUSCAR] 05954420 (Generated: 12/12/2023 08:30:17) Rev: 1