# VOLVO (

## CONSTRUCTION EQUIPMENT 549387 VOLVO L90H 626204 - DIESEL ENGINE



 Sample No:
 VCP430341

 Oil Type:
 VOLVO ULT

549387

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

#### SAMPLE INFORMATION VCP430341 Sample Number Sample Date 07 May 2024 Machine Hours 1435 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.2 Base Number (BN) mg KOH/g 10.3 Oxidation (PA) 77 % CONTAMINATION % NEG Water Cast

| Soot %         | %   | 0.1  | <br> |  |
|----------------|-----|------|------|--|
| Nitration (PA) | %   | 50   | <br> |  |
| Sulfation (PA) | %   | 59   | <br> |  |
| Glycol         | %   | NEG  | <br> |  |
| Fuel           | %   | <1.0 | <br> |  |
| Silicon        | ppm | 8    | <br> |  |
| Sodium         | ppm | 3    | <br> |  |
| Potassium      | ppm | 0    | <br> |  |

### WEAR METAL

| WLAK I     | METALS |            |      |  |
|------------|--------|------------|------|--|
| Iron       | ppm    | 6          | <br> |  |
| Copper     | ppm    | <b></b> <1 | <br> |  |
| Lead       | ppm    | 0          | <br> |  |
| Tin        | ppm    | 0          | <br> |  |
| Aluminum   | ppm    | 9          | <br> |  |
| Chromium   | ppm    | <b></b> <1 | <br> |  |
| Molybdenum | ppm    | 44         | <br> |  |
| Nickel     | ppm    | 0          | <br> |  |
| Titanium   | ppm    | 0          | <br> |  |
| Silver     | ppm    | 0          | <br> |  |
| Manganese  | ppm    | ■ <1       | <br> |  |
| Vanadium   | ppm    | 0          | <br> |  |

#### **ADDITIVES** 1774 Calcium ppm 578 Magnesium ppm ppm Zinc 1094 977 Phosphorus ppm Barium 0 🔲 ppm 70 Boron ppm



ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

#### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLV00142

 Unique No:
 11019673

 Signed:
 Wes Davis

 Report Date:
 10 May 2024

Report Id: VOLVO0142 [WUSCAR] 06173620 (Generated: 05/10/2024 08:52:47) Rev: 1

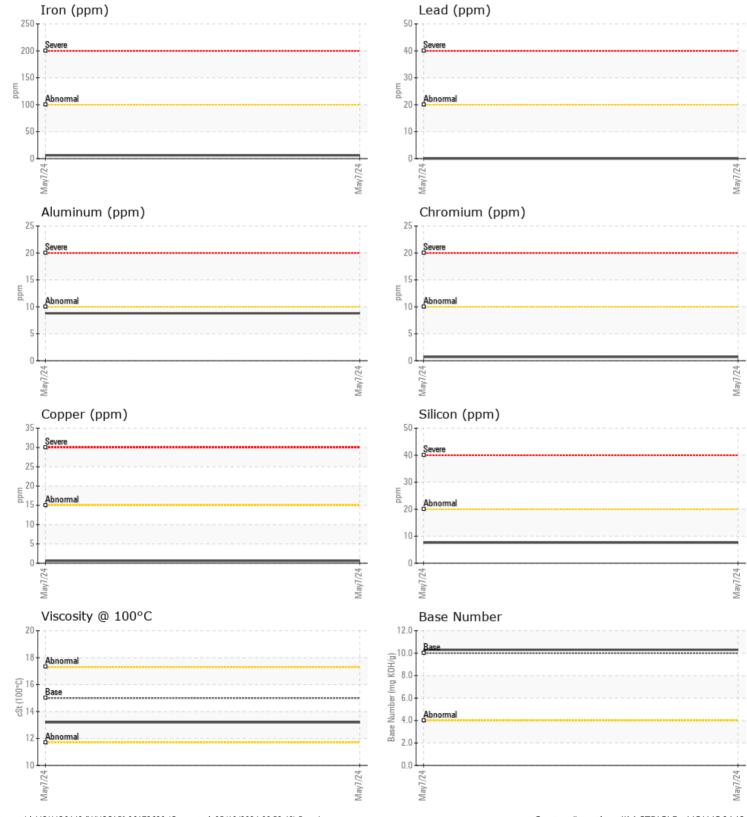
Contact/Location: JIM STRIGLE - VOLVO0142

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: JIM STRIGLE - VOLVO0142