## **CONSTRUCTION EQUIPMENT** VOLVO L2OF 1706634 - DIESEL ENGINE 386201



Sample No: VCP408769 **Oil Type:** 

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

VCP408769

23 Oct 2023

Changed

NORMAL

14.6

92

9.9

3057

0

Job No:

SAMPLE INFORMATION

386201

| Sample Number | -    |
|---------------|------|
| Sample Date   |      |
| Machine Hours |      |
| Oil Hours     |      |
| Oil Changed   |      |
| Sample Status |      |
|               |      |
| OIL CONDI     | TION |

cSt

%

Visc @ 100°C Base Number (BN) mg KOH/g Oxidation (PA)

| Water          | %   | NEG         |  |  |  |
|----------------|-----|-------------|--|--|--|
| Soot %         | %   | 0.2         |  |  |  |
| Nitration (PA) | %   | 89          |  |  |  |
| Sulfation (PA) | %   | 63          |  |  |  |
| Glycol         | %   | NEG         |  |  |  |
| Fuel           | %   | <1.0        |  |  |  |
| Silicon        | ppm | 9           |  |  |  |
| Sodium         | ppm | 2           |  |  |  |
| Potassium      | ppm | <b>■</b> <1 |  |  |  |

NEAD METALS

| Iron       | ppm | <b>1</b> 9 | <br> |  |
|------------|-----|------------|------|--|
| Copper     | ppm | <b>1</b> 0 | <br> |  |
| Lead       | ppm | <b></b> <1 | <br> |  |
| Tin        | ppm | 0          | <br> |  |
| Aluminum   | ppm | 3          | <br> |  |
| Chromium   | ppm | ■ <1       | <br> |  |
| Molybdenum | ppm | 51         | <br> |  |
| Nickel     | ppm | 0          | <br> |  |
| Titanium   | ppm | <1         | <br> |  |
| Silver     | ppm | 0          | <br> |  |
| Manganese  | ppm | □<1        | <br> |  |
| Vanadium   | ppm | <1         | <br> |  |

| ADDITIVES  |     |      |  |  |  |
|------------|-----|------|--|--|--|
| Calcium    | ppm | 1586 |  |  |  |
| Magnesium  | ppm | 771  |  |  |  |
| Zinc       | ppm | 1296 |  |  |  |
| Phosphorus | ppm | 936  |  |  |  |
| Barium     | ppm | 0    |  |  |  |
| Boron      | ppm | 39   |  |  |  |



ALTA EQUIPMENT COMPANY- BYRON CENTER

8840 BYRON COMMERCE DR SW BYRON CENTER, MI US 49315 Contact: BRIAN RESER brian.reser@altaequipment.com T: (616)878-7450 F: (616)878-7650

## 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: VOLVO0046 Unique No: 10755202 Signed: Wes Davis Report Date: 27 Nov 2023

Report Id: VOLVO0046 [WUSCAR] 06016058 (Generated: 11/27/2023 08:32:35) Rev: 1

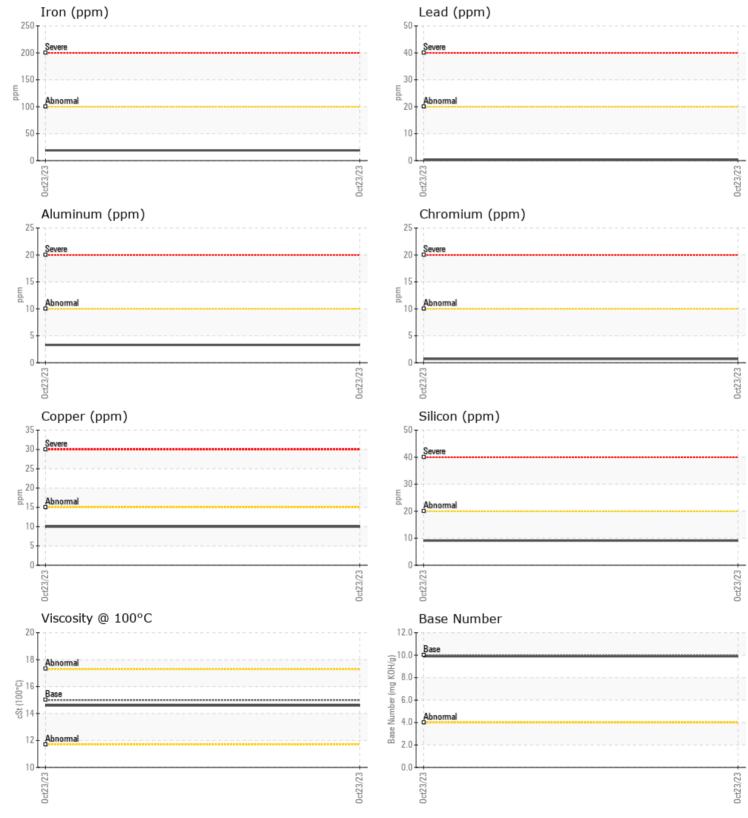
Contact/Location: BRIAN RESER - VOLVO0046

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0046 [WUSCAR] 06016058 (Generated: 11/27/2023 08:32:37) Rev: 1

Contact/Location: BRIAN RESER - VOLVO0046