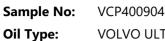
CONSTRUCTION EQUIPMENT X58123 TADANO GR100XLL-4 RA0765 - DIESEL ENGINE



VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: X58123

## VOLVO

| SAMPLE INFORMATION        |             |             |  |  |  |  |
|---------------------------|-------------|-------------|--|--|--|--|
| Sample Number             | VCP400904   | VCP304987   |  |  |  |  |
| Sample Date               | 07 Jul 2023 | 21 Jun 2021 |  |  |  |  |
| Machine Hours             | 2366        | 664         |  |  |  |  |
| Oil Hours                 | 0           | 0           |  |  |  |  |
| Oil Changed               | Changed     | Changed     |  |  |  |  |
| Sample Status             | NORMAL      | NORMAL      |  |  |  |  |
|                           |             |             |  |  |  |  |
|                           |             |             |  |  |  |  |
| Visc @ 100°C cSt          | 12.4        | 12.6        |  |  |  |  |
| Base Number (BN) mg KOH/g | <b>10.3</b> |             |  |  |  |  |
| Oxidation (PA) %          | 90          | 73          |  |  |  |  |
|                           |             |             |  |  |  |  |

| LONIAN         | MINATION |           |       |      |
|----------------|----------|-----------|-------|------|
| Soot %         | %        | 0.2       | 0.2   | <br> |
| Nitration (PA) | %        | 76        | 70    | <br> |
| Sulfation (PA) | %        | 64        | 62    | <br> |
| Glycol         | %        | NEG       | NEG   | <br> |
| Fuel           | %        | <1.0      | < 1.0 | <br> |
| Silicon        | ppm      | <b>10</b> | 48    | <br> |
| Sodium         | ppm      | 4         | 6     | <br> |
| Potassium      | ppm      | 2         | 4     | <br> |

### VOLVO

| VEAR M     | ETALS |            |            |      |
|------------|-------|------------|------------|------|
| Iron       | ppm   | <b>1</b> 2 | 36         | <br> |
| Copper     | ppm   | <b>4</b>   | 25         | <br> |
| Lead       | ppm   | 0          | <1         | <br> |
| Tin        | ppm   | 0          | <b></b> <1 | <br> |
| Aluminum   | ppm   | 6          | 0          | <br> |
| Chromium   | ppm   | 0          | 1          | <br> |
| Molybdenum | ppm   | 55         | 62         | <br> |
| Nickel     | ppm   | 0          | <1         | <br> |
| Titanium   | ppm   | 0          | <1         | <br> |
| Silver     | ppm   | 0          | 0          | <br> |
| Manganese  | ppm   | 0          | 6          | <br> |
| Vanadium   | ppm   | 0          | 0          | <br> |

Vanadiur

| ADUTION    |     |             |      |  |  |  |
|------------|-----|-------------|------|--|--|--|
| Calcium    | ppm | 2093        | 1790 |  |  |  |
| Magnesium  | ppm | 648         | 379  |  |  |  |
| Zinc       | ppm | <b>1330</b> | 1170 |  |  |  |
| Phosphorus | ppm | <b>1112</b> | 998  |  |  |  |
| Barium     | ppm | <b>1</b> 3  | 2    |  |  |  |
| Boron      | ppm | ■ 60        | 129  |  |  |  |



#### SCOTT EQUIPMENT COMPANY LLC - Saint Rose

PO BOX 997 SAINT ROSE, LA US 70087 Contact: DENISE CORVERS dcorvers@scottcompanies.com T: (504)461-0961 F: (504)461-0970

### 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:
 SCOSAI

 Unique No:
 10551647

 Signed:
 Wes Davis

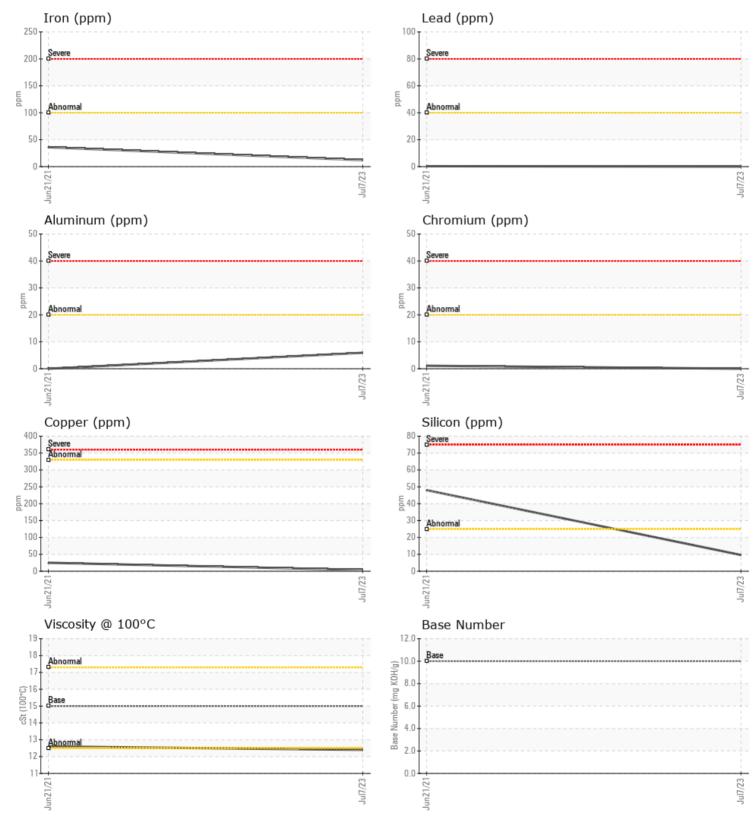
 Report Date:
 12 Jul 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05895837 (Generated: 07/12/2023 15:52:53) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI