# CONSTRUCTION EQUIPMENT SPM633854 ALPINE VOLVO EC480E 391030 - RIGHT SWING DRI

Sample No: VCP429120 **Oil Type:** GEAR OIL SAE 80W90 Job No: SPM633854 ALPINE

### SAMPLE INFORMATION

VOLVO

| Sample Number |          | VCP429120    | VCP355046   | <br> |
|---------------|----------|--------------|-------------|------|
| Sample Date   |          | 15 Nov 2023  | 21 Jul 2022 | <br> |
| Machine Hours |          | 2564         | 972         | <br> |
| Oil Hours     |          | 0            | 0           | <br> |
| Oil Changed   |          | Not Changd   | Changed     | <br> |
| Sample Status |          | ABNORMAL     | NORMAL      | <br> |
|               |          |              |             |      |
| OIL CON       | DITION   |              |             |      |
| Visc @ 40°C   | cSt      | <b>199</b>   | 182         | <br> |
|               |          |              |             |      |
| CONTAI        | MINATION |              |             |      |
| Water         | %        | NEG          | NEG         | <br> |
| Silicon       | ppm      | <b>1</b> 7   | 16          | <br> |
| Sodium        | ppm      | 0            | 0           | <br> |
| Potassium     | ppm      | <b>1</b>     | <1          | <br> |
|               |          |              |             |      |
| WEAR N        | METALS   |              |             |      |
| Iron          | ppm      | 52           | 109         | <br> |
| Copper        | ppm      | 5            | 16          | <br> |
| Lead          | ppm      | <b>  </b> <1 | 0           | <br> |
| Tin           | ppm      | <b>  </b> <1 | <1          | <br> |
| Aluminum      | ppm      | <b>1</b>     | 2           | <br> |
| Chromium      | ppm      | <b>1</b>     | 1           | <br> |
| Molybdenum    | ppm      | 2            | <b></b> <1  | <br> |
| Nickel        | ppm      |              | 0           | <br> |
| Titanium      | ppm      | <1           | <1          | <br> |
| Silver        | ppm      | <1           | 0           | <br> |
| Manganese     | ppm      | 1            | 2           | <br> |
| Vanadium      | ppm      | <1           | 0           | <br> |
|               |          |              |             |      |

VOLVO

| ADDITIVES  |     |               |     |  |  |  |  |
|------------|-----|---------------|-----|--|--|--|--|
| Calcium    | ppm | <b>A</b> 2694 | 53  |  |  |  |  |
| Magnesium  | ppm | 24            | 2   |  |  |  |  |
| Zinc       | ppm | 🔺 1157        | 36  |  |  |  |  |
| Phosphorus | ppm | 974           | 273 |  |  |  |  |
| Barium     | ppm | 0             | 8   |  |  |  |  |
| Boron      | ppm | <b>4</b>      | 0   |  |  |  |  |



#### **ALTA EQUIPMENT CO - ORLAND PARK**

**5000 INDUSTRIAL HWY** GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

#### 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.

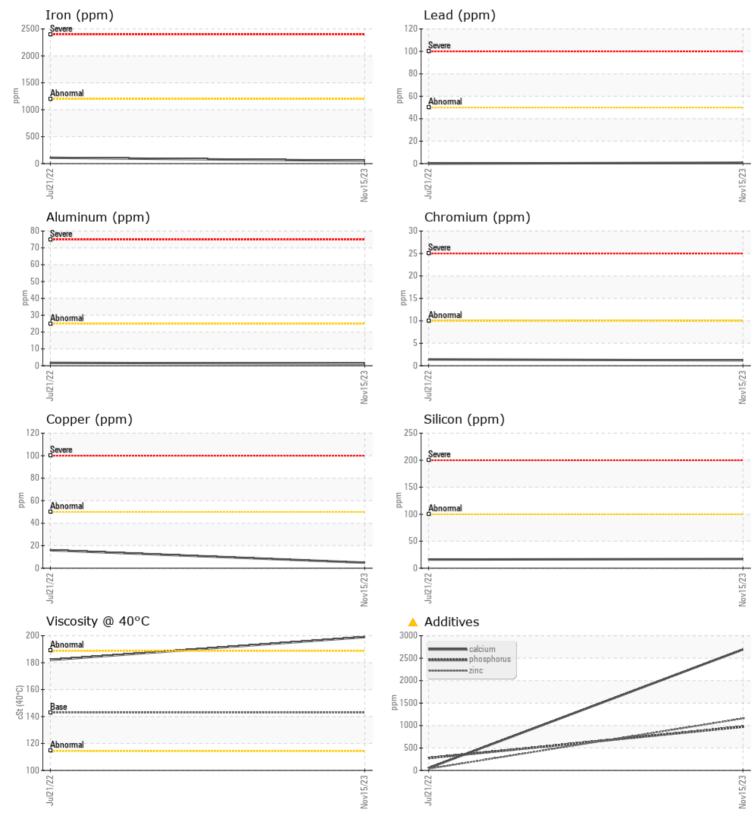
Depot: VOLVO8885 Unique No: 10883415 Signed: Don Baldridge Report Date: 17 Feb 2024

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06090562 (Generated: 02/17/2024 13:16:18) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885