

## CONSTRUCTION EQUIPMENT SPM703646 ALPINE VOLVO EC480E 391030 - SWING DRIVE

 Sample No:
 VCP437419

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SPM703646 ALPINE

SAMPLE INFORMATION

| Sample Number | -      | VCP437419   | <br> |  |
|---------------|--------|-------------|------|--|
| Sample Date   |        | 06 May 2024 | <br> |  |
| Machine Hours |        | 3348        | <br> |  |
| Oil Hours     |        | 0           | <br> |  |
| Oil Changed   |        | Not Changd  | <br> |  |
| Sample Status |        | NORMAL      | <br> |  |
|               |        |             |      |  |
| OIL CONDI     | TION   |             |      |  |
| Visc @ 40°C   | cSt    | 162         | <br> |  |
| VOLVO         |        |             |      |  |
| CONTAMI       | NATION |             |      |  |
| Water         | %      | NEG         | <br> |  |
| Silicon       | ppm    | <b>10</b>   | <br> |  |
| Sodium        | ppm    | 2           | <br> |  |
| Potassium     | ppm    | 2           | <br> |  |
|               |        |             |      |  |
| WEAR ME       | TALS   |             |      |  |
| Iron          | ppm    | 75          | <br> |  |
| Copper        | ppm    | <b>44</b>   | <br> |  |
| Lead          | ppm    | 0           | <br> |  |
| Tin           | ppm    |             | <br> |  |
| Aluminum      | ppm    | 2           | <br> |  |
| Chromium      | ppm    | <b></b> <1  | <br> |  |
| Molybdenum    | ppm    | <b>1</b>    | <br> |  |
| Nickel        | ppm    | <b></b> <1  | <br> |  |
| Titanium      | ppm    | <1          | <br> |  |
| Silver        | ppm    | 0           | <br> |  |
| Manganese     | ppm    | 3           | <br> |  |
| Vanadium      | ppm    | <1          | <br> |  |

## 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.

Vanadium

| ADDITIVES  |     |           |  |  |  |  |  |  |
|------------|-----|-----------|--|--|--|--|--|--|
| Calcium    | ppm | 991       |  |  |  |  |  |  |
| Magnesium  | ppm | <b>17</b> |  |  |  |  |  |  |
| Zinc       | ppm | 483       |  |  |  |  |  |  |
| Phosphorus | ppm | 821       |  |  |  |  |  |  |
| Barium     | ppm | 6         |  |  |  |  |  |  |
| Boron      | ppm | 24        |  |  |  |  |  |  |

 Depot:
 VOLVO8885

 Unique No:
 11085066

 Signed:
 Don Baldridge

 Report Date:
 19 Jun 2024

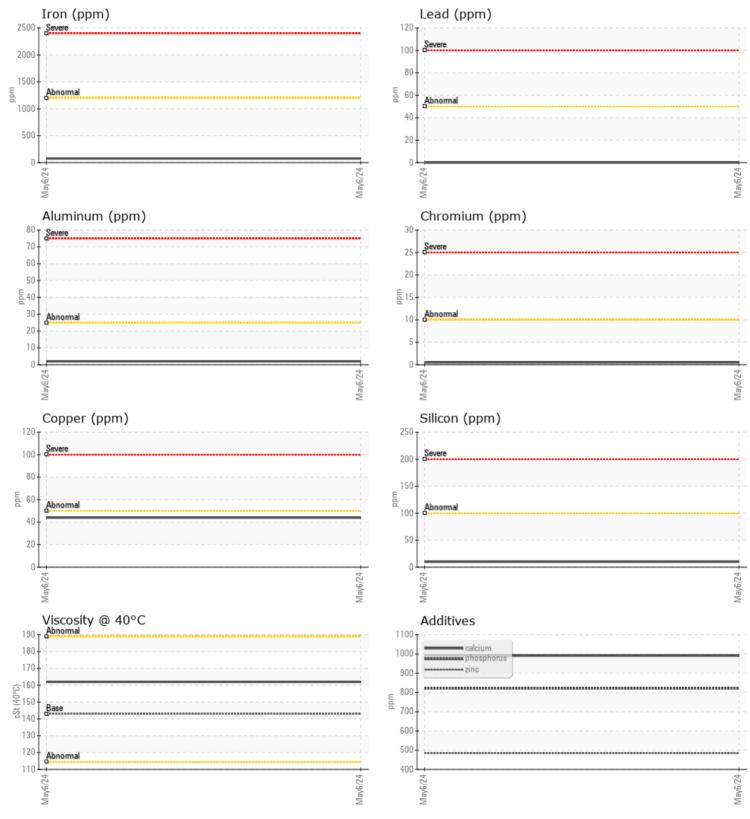
 Contact/Location: DAVE ENG - VOLVO8885

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06212202 (Generated: 06/21/2024 21:16:46) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885