CONSTRUCTION EQUIPMENT SWA332363 KELLEY JCB 541-70 2725141 - DIESEL ENGINE

Sample No: VCP435456 **Oil Type: DIESEL ENGINE OIL SAE 40** Job No: SWA332363 KELLEY

VOLVO

Tin

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc Phosphorus

Barium

Boron

Magnesium

Molybdenum

| VOLVO | | | | |
|------------------|------------|-------------|------|--|
| SAMPLE II | NFORMATION | | | |
| Sample Number | - | VCP435456 | | |
| Sample Date | | 17 Oct 2023 | | |
| Machine Hours | | 4456 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | N/A | | |
| Sample Status | | NORMAL | | |
| | | | | |
| OIL CONDI | TION | | | |
| Visc @ 100°C | cSt | 13.8 | | |
| Base Number (BN) | mg KOH/g | 7.6 | | |
| Oxidation (PA) | % | 61 | | |
| | | | | |
| CONTAMIN | NATION | | | |
| Soot % | % | 0.4 | | |
| Nitration (PA) | % | 72 | | |
| Sulfation (PA) | % | 56 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 6 | | |
| Sodium | ppm | 2 | | |
| Potassium | ppm | 2 | | |
| | | | | |
| WEAR ME | TALS | | | |
| Iron | ppm | 26 | | |
| Copper | ppm | 2 | | |
| Lead | ppm | □ <1 | | |
| | | | | |

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 acceptable for the time in service.

Depot: VOLVO0142 Unique No: Signed: **Report Date:**

10701752 Don Baldridge 21 Oct 2023

0

9

<1

59

7

■<1

0

0

<1

1617

560

1277

993

|| <1

6

ppm

ppm ppm

ppm

ppm

ppm

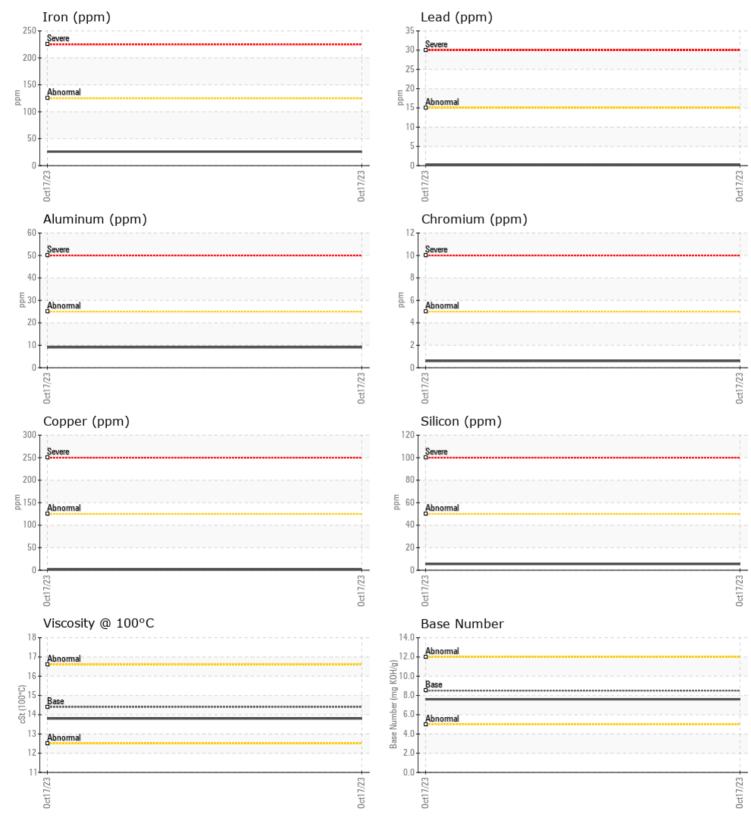
ADDITIVES

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0142 [WUSCAR] 05984457 (Generated: 10/22/2023 13:17:06) Rev: 1

Contact/Location: JIM STRIGLE - VOLVO0142