CONSTRUCTION EQUIPMENT SWA318514 TRICON-HEN VOLVO L220F 6286 - DIESEL ENGINE

Sample No: VCP409479 **Oil Type: DIESEL ENGINE OIL SAE 15W40**

VOLVO

Job No: SWA318514 TRICON-HEN

| SAMPLE I | NFORMATION | _ | | |
|------------------|------------|-------------|------|--|
| Sample Number | | VCP409479 | | |
| Sample Date | | 25 Jul 2023 | | |
| Machine Hours | | 25000 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | N/A | | |
| Sample Status | | NORMAL | | |
| | | | | |
| OIL CONDI | TION | | | |
| Visc @ 100°C | cSt | 12.0 | | |
| Base Number (BN) | mg KOH/g | 9.4 | | |
| Oxidation (PA) | % | 55 | | |
| VOLVO | | | | |

| CONTAN | MINATION | | | |
|----------------|----------|------|------|--|
| Soot % | % | 0.3 | | |
| Nitration (PA) | % | 54 | | |
| Sulfation (PA) | % | 53 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 8 | | |
| Sodium | ppm | 3 | | |
| Potassium | ppm | 2 | | |

WEAR METALS 11 Iron ppm Copper 9 ppm Lead 1 ppm Tin ■ <1 ppm Aluminum ppm 2 Chromium ppm 0 Molybdenum 39 ppm Nickel ppm **||** <1 Titanium ■<1 ppm Silver 0 🔲 ppm Manganese ppm **-** <1 Vanadium ppm <1

| ADDITIVES | | | | | | | |
|------------|-----|------|--|--|--|--|--|
| Calcium | ppm | 1821 | | | | | |
| Magnesium | ppm | 690 | | | | | |
| Zinc | ppm | 1248 | | | | | |
| Phosphorus | ppm | 989 | | | | | |
| Barium | ppm | 0 | | | | | |
| Boron | ppm | 31 | | | | | |



ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD OTTAWA, IL US 61350 Contact: KEVIN SKRTICH KEVIN.SKRTICH@ALTAEQUIPMENT.COM T: 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO5055 Unique No: 10576317 Signed: Wes Davis Report Date: 28 Jul 2023

Report Id: VOLVO5055 [WUSCAR] 05909665 (Generated: 07/28/2023 14:33:59) Rev: 1

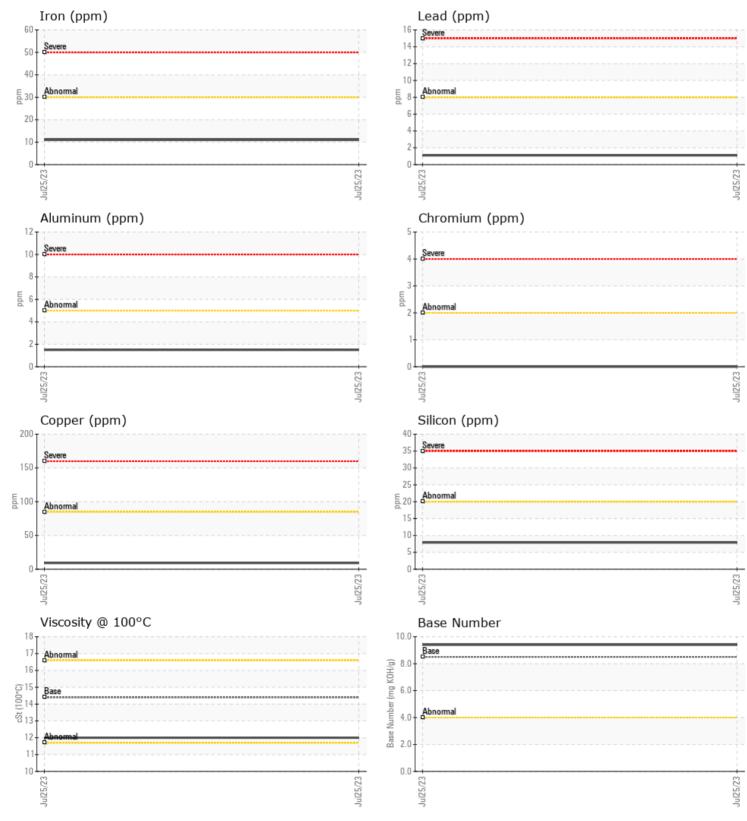
Contact/Location: KEVIN SKRTICH - VOLVO5055

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO5055 [WUSCAR] 05909665 (Generated: 07/28/2023 14:34:01) Rev: 1

Contact/Location: KEVIN SKRTICH - VOLVO5055