CONSTRUCTION EQUIPMENT VOLVO EC480EL 314823 - DIESEL ENGINE RYAN GOLF

| Sample No: | VCP440910 |
|------------|-----------------------------|
| Oil Type: | DIESEL ENGINE OIL SAE 15W40 |
| Job No: | RYAN GOLF |

SAMPLE INFORMATION

ppm

ppm

ppm

2

2

<1

Sodium

Potassium

Vanadium

VOLVO

| Sample Number | - | VCP440910 | | |
|------------------|----------|-------------|------|--|
| Sample Date | | 14 Feb 2024 | | |
| Machine Hours | | 3737 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | N/A | | |
| Sample Status | | ABNORMAL | | |
| | | | | |
| OIL CONDIT | FION | | | |
| Visc @ 100°C | cSt | 13.1 | | |
| Base Number (BN) | mg KOH/g | 8.9 | | |
| Oxidation (PA) | % | 72 | | |
| | | | | |
| CONTAMIN | | | | |
| | | | | |
| Water | % | NEG | | |
| Soot % | % | 1.2 | | |
| Nitration (PA) | % | 76 | | |
| Sulfation (PA) | % | 60 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 4 24 | | |

WEAR METALS Iron 25 ppm 5 Copper ppm Lead 3 ppm 2 Tin ppm Aluminum ppm 4 2 Chromium ppm Molybdenum ppm 51 Nickel 3 ppm Titanium **||** <1 ppm 0 Silver ppm Manganese 1 ppm

| ADDITIVES | | | | | | | |
|------------|-----|-------------|--|--|--|--|--|
| Calcium | ppm | 1297 | | | | | |
| Magnesium | ppm | 595 | | | | | |
| Zinc | ppm | 1087 | | | | | |
| Phosphorus | ppm | 893 | | | | | |
| Barium | ppm | 1 | | | | | |
| Boron | ppm | 8 | | | | | |



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD

TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. 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: VOLVO0093 Unique No: 10900459 Signed: Sean Felton Report Date: 29 Feb 2024

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Report Id: VOLVO0093 [WUSCAR] 06102229 (Generated: 02/29/2024 15:52:38) Rev: 1
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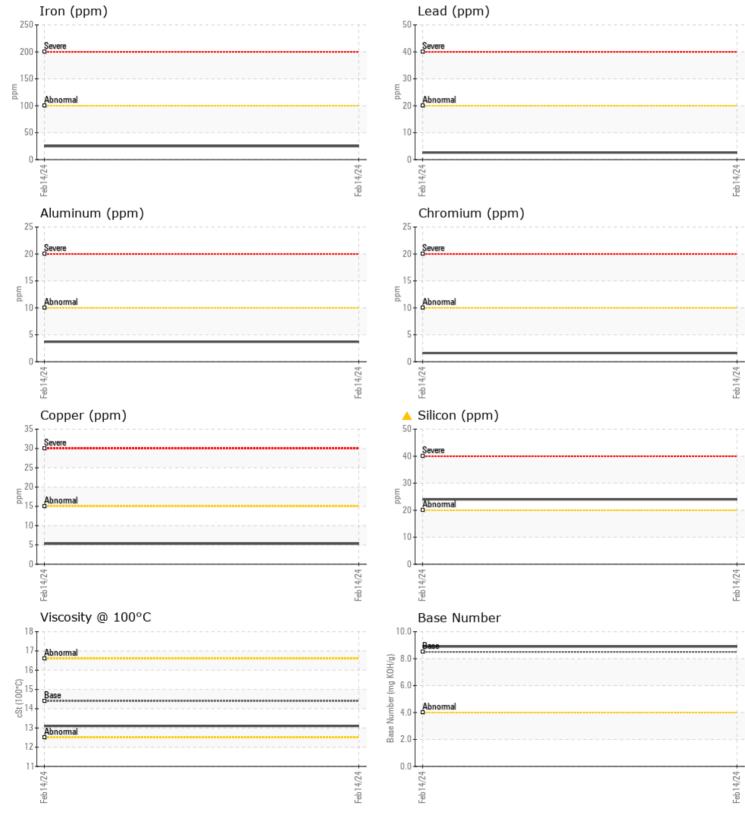
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06102229 (Generated: 02/29/2024 15:52:40) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093