OIL ANALYSIS REPORT



UB 60 CANTIUS ONAN G150848313 - GENSET

Sample No: VPA039413

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

| Sample Number | | VPA039413 | | |
|----------------------|----------|-------------|------|--|
| Sample Date | | 13 Dec 2023 | | |
| Machine Hours | | 410 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | Not Changd | | |
| Sample Status | | NORMAL | | |
| OIL CONDITION | | | | |
| Visc @ 100°C | cSt | 13.2 | | |
| Base Number (BN) | mg KOH/g | 9.9 | | |
| Oxidation (PA) | % | 58 | | |
| CONTAMINATION | | | | |
| Water | % | NEG | | |
| Soot % | % | 0.1 | | |
| Nitration (PA) | % | 46 | | |
| Sulfation (PA) | % | 52 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 5 | | |
| Sodium | ppm | | | |
| Potassium | ppm | 2 | | |
| WEAR METALS | | | | |
| Iron | ppm | 4 | | |
| Copper | ppm | 1 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | □ <1 | | |
| Chromium | ppm | | | |
| Molybdenum | ppm | ∎47 | | |
| Nickel | ppm | 0 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 0 | | |
| Vanadium | ppm | <1 | | |
| ADDITIVES | | | | |
| Calcium | ppm | 1233 | | |
| Magnesium | ppm | 745 | | |
| Zinc | ppm | 1264 | | |
| | ppm | 1028 | | |
| Phosphorus | PPIII | | | |
| Phosphorus Barium | ppm | 0 | | |

Galati Yacht Sales LLC

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Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 VP648685

 Unique No:
 10789522

 Signed:
 Sean Felton

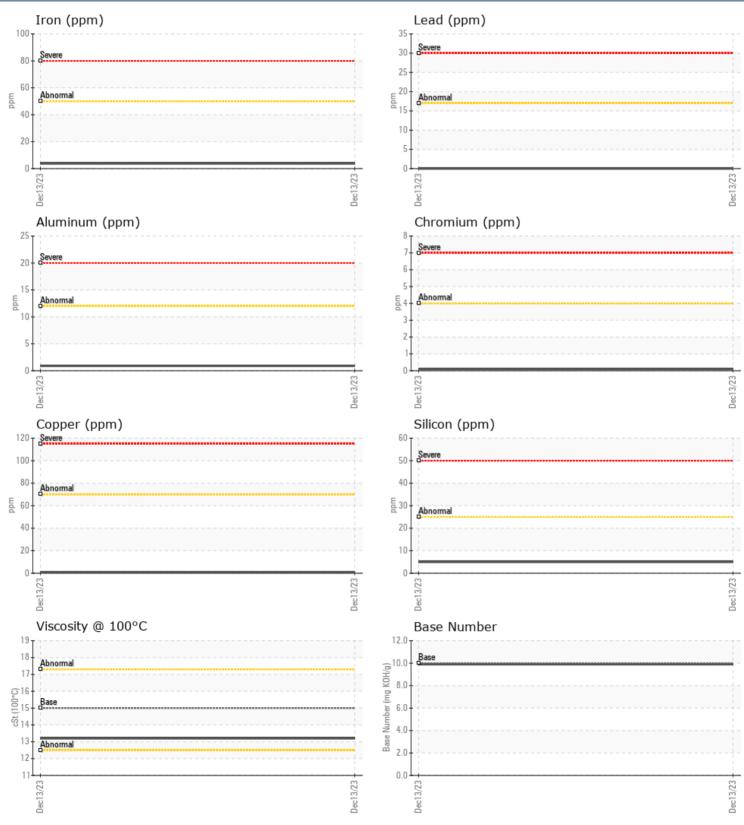
 Report Date:
 18 Dec 2023

Contact/Location: SCOTT FORD - VP648685

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP648685 [WUSCAR] 06034293 (Generated: 12/18/2023 12:12:54) Rev: 1

Contact/Location: SCOTT FORD - VP648685