OIL ANALYSIS REPORT

ONAN C170167046 - GENSET

Sample No: VPA059467

Oil Type: DIESEL ENGINE OIL SAE 15W40

| | TION | | | |
|------------------|----------|-------------|------|--|
| Sample Number | | VPA059467 | | |
| Sample Date | | 12 Dec 2023 | | |
| Machine Hours | | 1091 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | N/A | | |
| Sample Status | | NORMAL | | |
| OIL CONDITION | | | | |
| Visc @ 100°C | cSt | 12.9 | | |
| Base Number (BN) | mg KOH/g | 9.6 | | |
| Oxidation (PA) | % | 57 | | |
| CONTAMINATION | | | | |
| | 0/ | | | |
| Water | % | NEG | | |
| Soot % | % | 0.1 | | |
| Nitration (PA) | % | 48 | | |
| Sulfation (PA) | % | 52 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 5 | | |
| Sodium | ppm | 2 | | |
| Potassium | ppm | 2 | | |
| WEAR METALS | | | | |
| Iron | ppm | 0 | | |
| Copper | ppm | □ <1 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | 1 | | |
| Chromium | ppm | 0 | | |
| Molybdenum | ppm | 61 | | |
| Nickel | ppm | □ <1 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | □ <1 | | |
| Vanadium | ppm | 0 | | |
| ADDITIVES | | | | |
| Calcium | ppm | 1019 | | |
| Magnesium | ppm | 953 | | |
| Zinc | ppm | 1277 | | |
| Phosphorus | ppm | 1092 | | |
| | ppm | 0 | | |
| Barium | ppin | | | |

VOLVO PENTA

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033 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 acceptable for the time in service.

 Depot:
 VP705283

 Unique No:
 10794152

 Signed:
 Sean Felton

 Report Date:
 20 Dec 2023

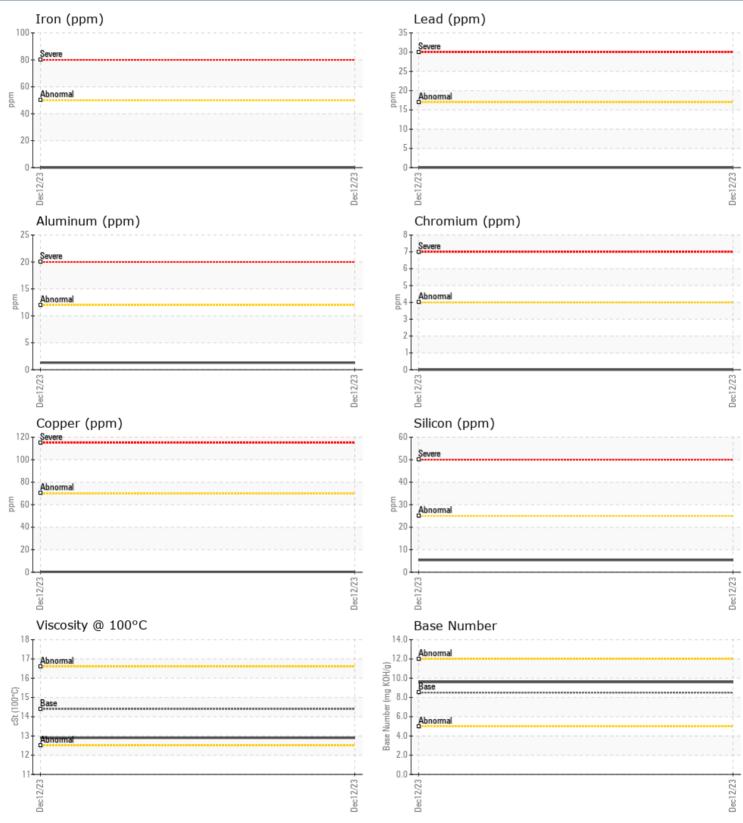
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Contact/Location: SERVICE MANAGER - VP705283

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP705283 [WUSCAR] 06038923 (Generated: 12/20/2023 17:04:50) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283