OIL ANALYSIS REPORT

SEA CAT III VOLVO PENTA 3940024268 - STARBOARD IPS

Sample No: VPA021364

Oil Type: VOLVO PENTA GL-5 SAE 75W90

| SAMPLE INFORMATION | | | | | | |
|--------------------|-----|-------------|--|--|--|--|
| | | VD4024264 | | | | |
| Sample Number | | VPA021364 | | | | MARINE DIESEL SERVICES INC |
| Sample Date | | 19 Feb 2024 | | | | 1711 WHITTIER AVE, SUITE B |
| Machine Hours | | 1305 | | | | COSTA MESA, CA |
| Oil Hours | | 0 | | | | US 92627 |
| Oil Changed | | Not Changd | | | | Contact: BEN ALMAZAN |
| Sample Status | | NORMAL | | | | marinedieselservices@outlook.com;BEN@MARINEDIESELSERVICE.COM |
| OIL CONDITION | | | | | | T: (949)612-8180 F: x: |
| Visc @ 40°C | cSt | 105.2 | | | | Ι. Λ. |
| CONTAMINATION | I | | | | | Diagnosis |
| Water | % | NEG | | | | No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. |
| Silicon | ppm | 9 | | | | |
| Sodium | ppm | 0 | | | | |
| Potassium | ppm | 0 | | | | There is no indication of any |
| WEAR METALS | | | | | | contamination in the oil. The condition of the oil is acceptable for the time in service. |
| PQ | | 18 | | | | |
| Iron | ppm | 20 | | | | |
| Copper | ppm | 2 | | | | |
| Lead | ppm | 0 | | | | |
| Tin | ppm | 0 | | | | |
| Aluminum | ppm | 0 | | | | |
| Chromium | ppm | ■ <1 | | | | |
| Molybdenum | ppm | 0 | | | | |
| Nickel | ppm | 0 | | | | |
| Titanium | ppm | 0 | | | | |
| Silver | ppm | <1 | | | | |
| Manganese | ppm | ■ <1 | | | | |
| Vanadium | ppm | 0 | | | | |
| ADDITIVES | | | | | | |
| Calcium | ppm | 3 | | | | |
| Magnesium | ppm | 2 | | | | |
| Zinc | ppm | 0 | | | | |
| Phosphorus | ppm | 1470 | | | | |
| Barium | ppm | 0 | | | | |
| Boron | ppm | 309 | | | | |
| | | | | | | |

 Depot:
 VP288530

 Unique No:
 10887534

 Signed:
 Doug Bogart

 Report Date:
 20 Feb 2024

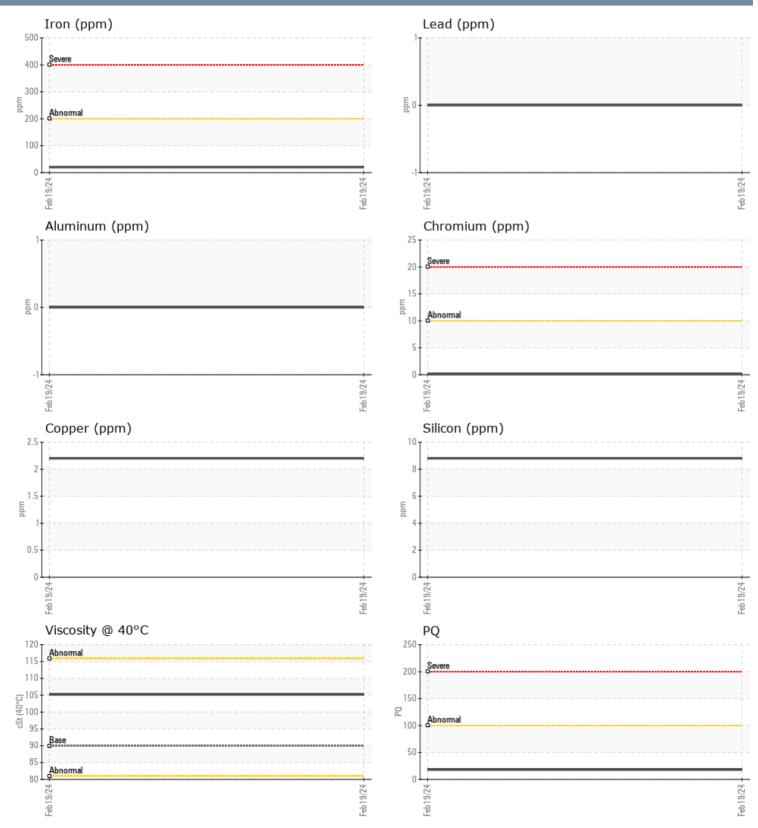


Contact/Location: BEN ALMAZAN - VP288530

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP288530 [WUSCAR] 06094681 (Generated: 02/20/2024 16:35:40) Rev: 1

Contact/Location: BEN ALMAZAN - VP288530