OIL ANALYSIS REPORT

MURFEE LEE MURFEE VOLVO PENTA 3194005347 - PORT IPS

Sample No: VPA041208

Oil Type: VOLVO PENTA GL-5 SAE 75W90

| SAMPLE INFORM | ATION | | | | | | | |
|------------------------------|-------|--------------|------|--|---|--|--|--|
| | | VDA041200 | | | - | | | |
| Sample Number | | VPA041208 | | | Suncoast Diesel Marine Inc. | | | |
| Sample Date Machine Hours | | 05 Sep 2023 | | | 610 Mount Vernan St | | | |
| | | 775 0 | | | OLDSMAR, FL | | | |
| Oil Hours | | | | | US 34677 | | | |
| Oil Changed | | Changed | | | Contact: MARK WARREN | | | |
| Sample Status | | ABNORMAL | | | oldsmar@suncoastdmi.com | | | |
| OIL CONDITION | | | | | T: (813)475-5942 | | | |
| | | | | | F: (813)475-5943 | | | |
| Visc @ 40°C | cSt | 111 | | | | | | |
| CONTAMINATION | | | | | Diagnosis | | | |
| Water | % | 0.353 | | | We advise that you check for the | | | |
| Silicon | | 12 | | | source of water entry. Oil and filter change at the time of sampling has been noted. Resample at the next | | | |
| Sodium | ppm | | | | | | | |
| | ppm | ∎11 | | | | | | |
| Potassium | ppm | 3 | | | service interval to monitor.Gear wear is indicated. There is a moderate | | | |
| WEAR METALS | | | | | concentration of water present in the | | | |
| PQ | | 20 | | | oil. The condition of the oil is acceptable for the time in service. | | | |
| Iron | ppm | <u> </u> | | | | | | |
| Copper | ppm | 22 | | | | | | |
| Lead | ppm | 0 | | | | | | |
| Tin | ppm | <1 | | | | | | |
| Aluminum | ppm | 1 | | | | | | |
| Chromium | ppm | 1 | | | | | | |
| Molybdenum | ppm | <1 | | | | | | |
| Nickel | ppm | 2 | | | | | | |
| Titanium | ppm | <1 | | | | | | |
| Silver | ppm | 0 | | | | | | |
| Manganese | ppm | 3 | | | | | | |
| Vanadium | ppm | 0 | | | | | | |
| ADDITIVES | | | | | | | | |
| Calcium | ppm | 13 | | | — | | | |
| Magnesium | ppm | ∎1 | | | | | | |
| Zinc | ppm | 35 | | | | | | |
| Phosphorus | ppm | 1407 | | | | | | |
| Barium | ppm | 0 | | | | | | |
| Boron | ppm | 285 | | | | | | |
| DOTOTI | PPIII | 200 | | | | | | |

VOLVO PENTA

 Depot:
 VP945077

 Unique No:
 10644241

 Signed:
 Jonathan Hester

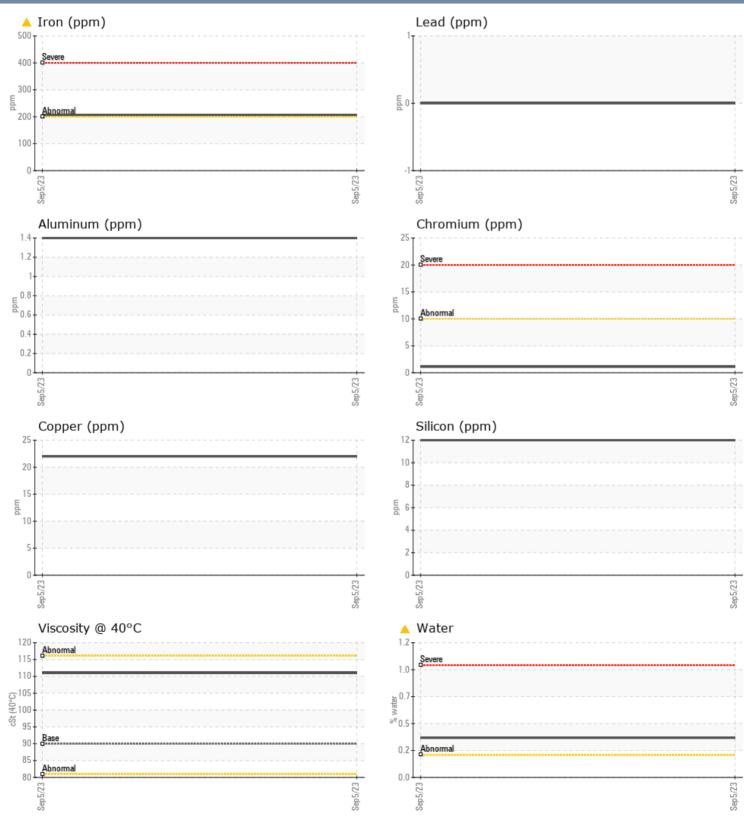
 Report Date:
 18 Sep 2023

Contact/Location: MARK WARREN - VP945077

OIL ANALYSIS REPORT







Report Id: VP945077 [WUSCAR] 05948282 (Generated: 09/18/2023 14:19:12) Rev: 1

Contact/Location: MARK WARREN - VP945077