OIL ANALYSIS REPORT

FRANK AGAR VOLVO PENTA C180332681 - PORT DIESEL ENGINE

Sample No: VPA058872 **Oil Type:** {unknown}

SAMPLE INFORMATION

| SAMPLE INFORMATION | | | | | |
|--------------------|----------|--------------|--|--|--|
| Sample Number | | VPA058872 | | | |
| Sample Date | | 16 May 2024 | | | |
| Machine Hours | | 215 | | | |
| Oil Hours | | 0 | | | |
| Oil Changed | | N/A | | | |
| Sample Status | | NORMAL | | | |
| | | | | | |
| OIL CONDITION | | | | | |
| Visc @ 100°C | cSt | ∎14.1 | | | |
| Base Number (BN) | mg KOH/g | 8.6 | | | |
| Oxidation (PA) | % | 50 | | | |
| | ,0 | 50 | | | |
| CONTAMINATION | | | | | |
| Water | % | NEG | | | |
| Soot % | % | 0.1 | | | |
| Nitration (PA) | % | 49 | | | |
| Sulfation (PA) | % | 51 | | | |
| Glycol | % | NEG | | | |
| Fuel | % | <1.0 | | | |
| Silicon | ppm | 8 | | | |
| Sodium | ppm | 3 | | | |
| Potassium | ppm | 4 | | | |
| WEAR METALS | | | | | |
| Iron | ppm | 8 | | | |
| Copper | ppm | 2 | | | |
| Lead | ppm | 1 | | | |
| Tin | ppm | _ _<1 | | | |
| Aluminum | ppm | 3 | | | |
| Chromium | ppm | ■ <1 | | | |
| Molybdenum | ppm | 32 | | | |
| Nickel | ppm | <1 | | | |
| Titanium | ppm | <1 | | | |
| Silver | ppm | 1 | | | |
| Manganese | ppm | <1 | | | |
| Vanadium | ppm | <1 | | | |
| ADDITIVES | | | | | |
| Calcium | ppm | 1283 | | | |
| Magnesium | ppm | 688 | | | |
| Zinc | ppm | | | | |
| Phosphorus | ppm | 6 39 | | | |
| Barium | ppm | <1 | | | |
| Boron | ppm | 176 | | | |
| | | | | | |
| | | | | | |



BELLINGHAM YACHT SALES (OUILEETE BROS)

1801 ROEDER AVE, SUITE 174 BELLINGHAM, WA US 98225 Contact: SCOTT HUSO service@bellinghamyachts.com T: F:

Diagnosis

Depot:

Signed:

Unique No:

Report Date:

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 suitable for further service.

VP255663

11048546

Doug Bogart

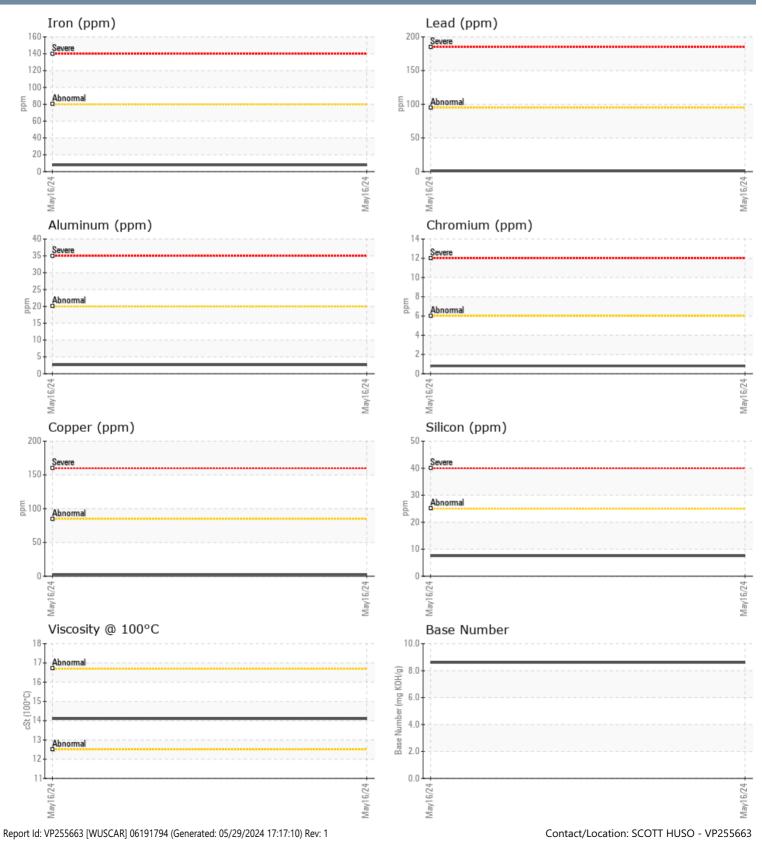
29 May 2024



OIL ANALYSIS REPORT



GRAPHS



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