## **OIL ANALYSIS REPORT**

### ED OELTJEN DANIEL/502899 VOLVO PENTA A460783 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA061876

**Oil Type:** GEAR OIL SAE 75W90

#### SAMPLE INFORMATION VPA061876 VPA055425 Sample Number Sample Date 15 Apr 2024 27 Mar 2023 4300 11th Ave. NW Machine Hours 727 677 SEATTLE, WA 0 **Oil Hours** 0 US 98107 Oil Changed Changed N/A ATTENTION Sample Status SEVERE T: (206)784-3703 **OIL CONDITION** F: (206)784-8823 Visc @ 40°C cSt 107 111 Diagnosis CONTAMINATION % **2**.70 Water NEG Silicon ppm 4 **9** Sodium 3 10 ppm Potassium ppm 3 1 WEAR METALS PO 36 25 **4**51 74 Iron ppm Copper 1 4 ppm Lead ■ <1 □ <1 ppm 0 Tin ■ <1 ppm **2**4 Aluminum ppm 13 Chromium 6 ppm 2 Molybdenum 0 <1 ppm 12 8 Nickel ppm Titanium 2 1 ppm Silver <1 0 ppm 6 2 Manganese ppm Vanadium 0 ppm < 1 **ADDITIVES** 31 Calcium ppm 2 16 Magnesium ppm 2 Zinc ppm 12 56 1465 Phosphorus ppm 1369 0 Barium 0 🔲 ppm 300 Boron ppm 346

Endor Marine LLC - Coastal Marine - 152124 Contact: WILLOW YANARELLA service@coastalmarineengine.com

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP794951 Unique No: 10990210 Signed: Don Baldridge **Report Date:** 23 Apr 2024

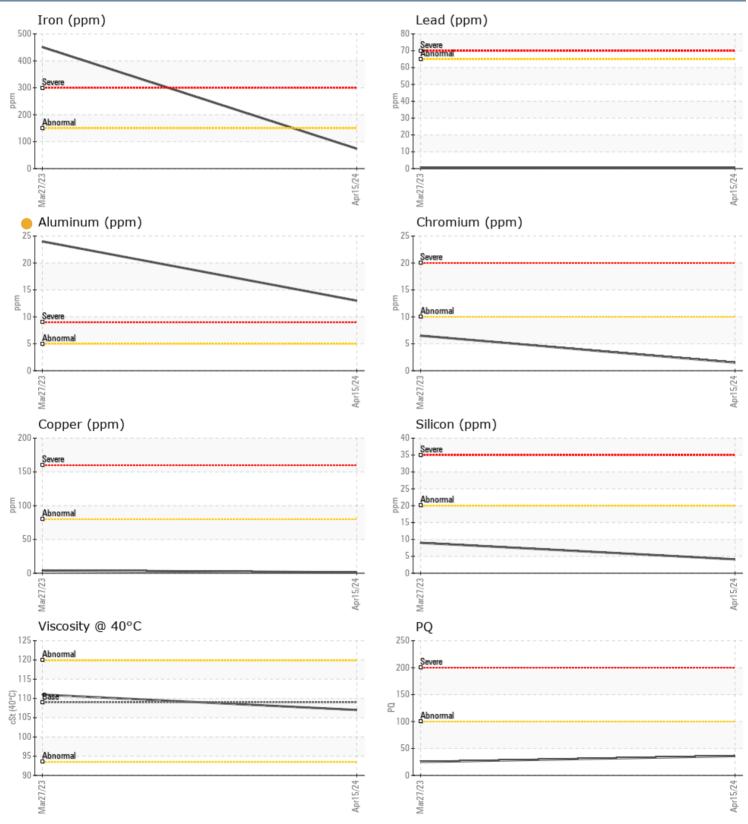
Contact/Location: WILLOW YANARELLA - VP794951



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### GRAPHS



Report Id: VP794951 [WUSCAR] 06154787 (Generated: 04/24/2024 08:05:55) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951