## **OIL ANALYSIS REPORT**

### JOE NIEMER 501985 VOLVO PENTA 3940017710 - PORT IPS

Sample No: VPA056293

Oil Type: GEAR OIL SAE 75W90

#### SAMPLE INFORMATION Sample Number VPA056293 Endor Marine LLC - Coastal Marine - 152124 27 Jun 2023 Sample Date 4300 11th Ave. NW Machine Hours 450 SEATTLE, WA 0 **Oil Hours** US 98107 Changed Oil Changed Contact: WILLOW YANARELLA ABNORMAL Sample Status service@coastalmarineengine.com T: (206)784-3703 **OIL CONDITION** F: (206)784-8823 Visc @ 40°C cSt 105 CONTAMINATION Diagnosis The oil change at the time of 19 Silicon ppm sampling has been noted. We Sodium ppm 6 recommend an early resample to Potassium 2 ppm monitor this condition.Gear wear is indicated. There is no indication of WEAR METALS any contamination in the oil. The condition of the oil is acceptable for PO 23 the time in service. Iron ppm **236** Copper ppm 16 Lead ppm <1 Tin ppm 0 Aluminum ppm <1 Chromium ppm 2 Molybdenum ■ <1 ppm Nickel 3 ppm Titanium ppm <1 Silver ppm <1 Manganese **7** ppm Vanadium 0 ppm ADDITIVES Calcium ppm 8 Magnesium 18 ppm Zinc ppm 53 Phosphorus ppm 1335 Barium 0 ppm 349 Boron ppm



 Depot:
 VP794951

 Unique No:
 10549804

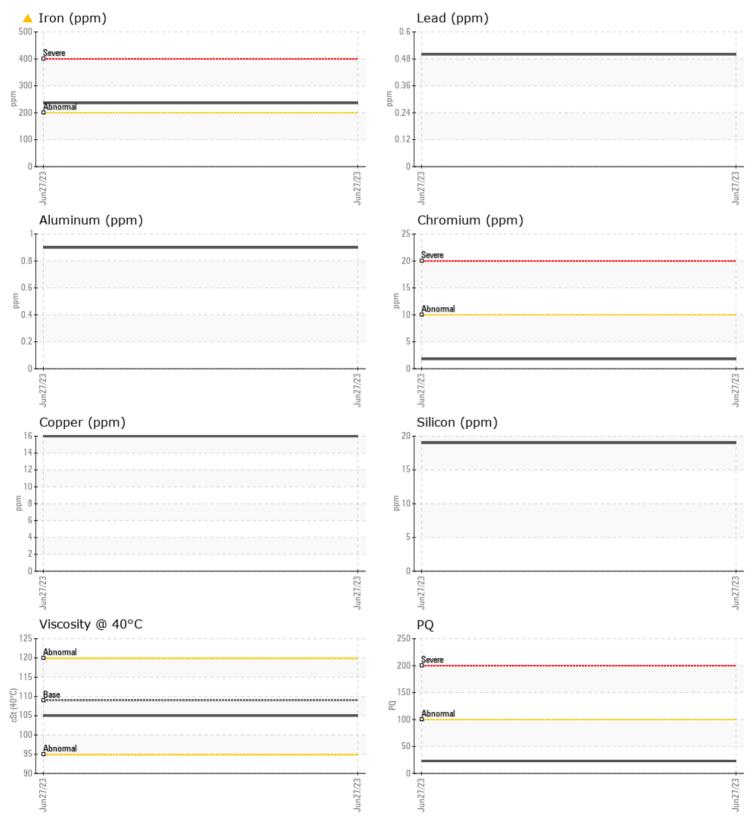
 Signed:
 Doug Bogart

 Report Date:
 11 Jul 2023

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### GRAPHS



Report Id: VP794951 [WUSCAR] 05893994 (Generated: 07/12/2023 14:33:01) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951