OIL ANALYSIS REPORT

BOB WADDELL SAM ZF 20198149 - INBOARD - STARBOARD GEARBOX

Sample No: VPA059072

Oil Type: CHEVRON DELO 400 SAE 30

SAMPLE INFORMATION Sample Number VPA059072 VPA048965 Endor Marine LLC - Coastal Marine - 152124 Sample Date 25 Sep 2023 07 Apr 2022 4300 11th Ave. NW Machine Hours 854 321 SEATTLE, WA 262 170 **Oil Hours** US 98107 Oil Changed Changed Changed Contact: WILLOW YANARELLA NORMAL Sample Status NORMAL service@coastalmarineengine.com T: (206)784-3703 **OIL CONDITION** F: (206)784-8823 Visc @ 40°C cSt 82.5 79.3 Diagnosis CONTAMINATION Resample at the next service interval Silicon ppm 9 7 to monitor.All component wear rates Sodium ppm 0 $\square 7$ are normal. There is no indication of Potassium 1 < 1 ppm any contamination in the oil. The condition of the oil is acceptable for WEAR METALS the time in service. PO 15 26 Iron 18 23 ppm 109 Copper ppm 67 Lead ppm 5 4 Tin ppm 5 4 5 3 Aluminum ppm Chromium ppm ■ <1 < 1 Molybdenum 49 46 ppm Nickel 0 0 ppm Titanium 0 ppm <1 Silver 0 <1 ppm <1 Manganese ■ <1 ppm Vanadium 0 0 ppm ADDITIVES Calcium 3339 ■1984 ppm Magnesium 71 360 ppm Zinc ppm 1153 853 Phosphorus ppm 1019 815 Barium 2 0 ppm 500 17 Boron ppm

VOLVO PENTA

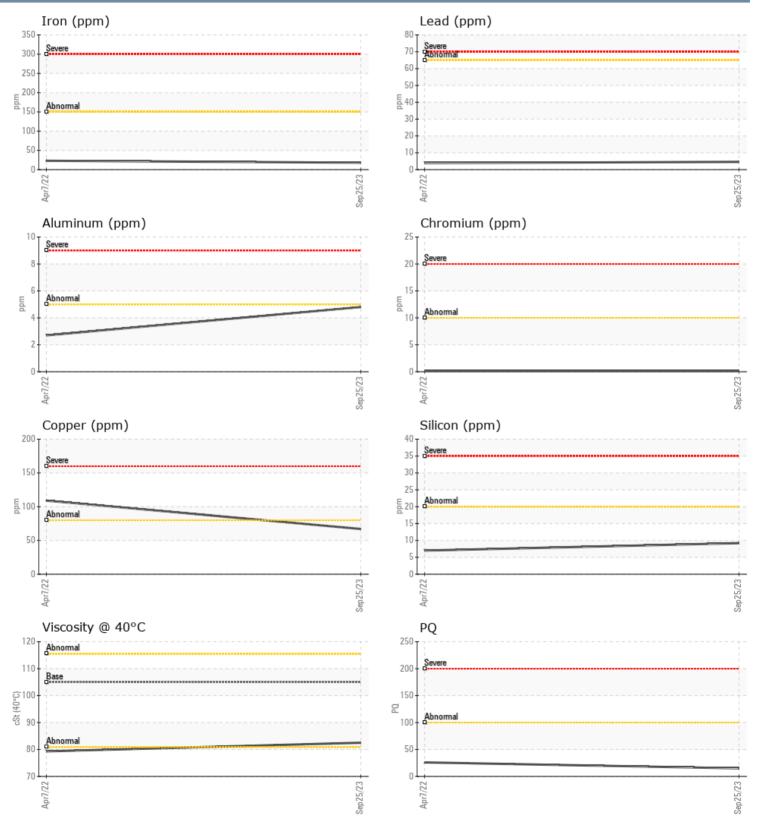
Depot: VP794951 Unique No: 10670345 Signed: Don Baldridge **Report Date:** 01 Oct 2023

Contact/Location: WILLOW YANARELLA - VP794951

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 05963794 (Generated: 10/04/2023 17:45:55) Rev: 2

Contact/Location: WILLOW YANARELLA - VP794951