OIL ANALYSIS REPORT

BRIAN BRUCE SAM ZF 20045337 - INBOARD - PORT GEARBOX

Sample No: VPA060776

Oil Type: DIESEL ENGINE OIL SAE 30

SAMPLE INFORMATION Sample Number VPA060776 Endor Marine LLC - Coastal Marine - 152124 15 Feb 2024 Sample Date 4300 11th Ave. NW Machine Hours 862 SEATTLE, WA **Oil Hours** 0 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 80.1 Diagnosis CONTAMINATION Oil and filter change at the time of % Water NEG sampling has been noted. No Silicon ppm 14 corrective action is recommended at Sodium 2 ppm this time. Resample at the next Potassium ppm 1 service interval to monitor. The lead level is abnormal. All other WEAR METALS component wear rates are normal. There is no indication of any PO 31 contamination in the oil. The 51 Iron ppm condition of the oil is acceptable for Copper ppm 143 the time in service. Lead ppm 3 Tin ppm 2 Aluminum ppm Chromium □ <1 ppm Molybdenum 60 ppm Nickel ppm 1 🔲 Titanium ■ <1 ppm Silver 0 ppm Manganese ■ <1 ppm Vanadium <1 ppm **ADDITIVES** 3134 Calcium ppm Magnesium ppm 43 Zinc ppm 1184 Phosphorus ppm 1026 Barium ppm 0 Boron ppm 335

Contact/Location: WILLOW YANARELLA - VP794951

VP794951

10890135

Sean Felton

26 Feb 2024

Depot:

Signed:

Unique No:

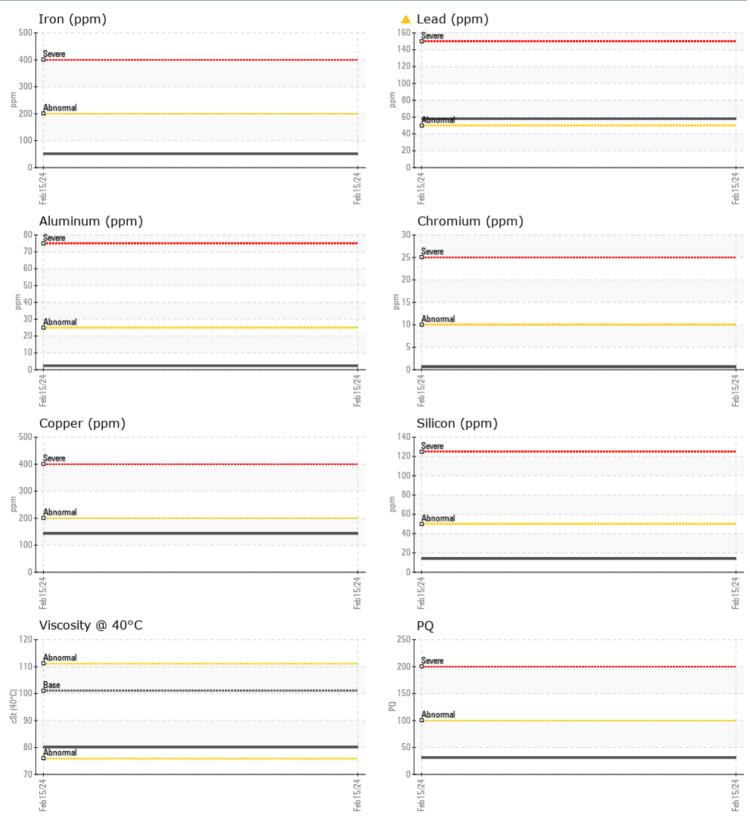
Report Date:

VOLVO PENTA

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 06097282 (Generated: 02/26/2024 12:53:16) Rev: 1

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