OIL ANALYSIS REPORT

BELLA LUNA VOLVO PENTA A355544 - PORT DIESEL ENGINE

Sample No: VPA046509

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA046509 Sample Number **Outstanding Marine** Sample Date 28 Mar 2023 PO Box 274 Machine Hours 552 GALENA, MD **Oil Hours** 50 US 21635 Oil Changed Changed Contact: Ronda Bolinger ATTENTION Sample Status rlwb@verizon.net Т٠ **OIL CONDITION** F: Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 10.2 Diagnosis Oxidation (PA) % 54 The oil change at the time of CONTAMINATION sampling has been noted. No corrective action is recommended at Soot % % 0.2 this time. Resample at the next % Nitration (PA) 43 service interval to monitor. The Sulfation (PA) % 52 aluminum level is abnormal. All other component wear rates are normal. % Glycol NEG There is no indication of any Fuel % <1.0 contamination in the oil. The BN Silicon ppm 7 result indicates that there is suitable Sodium 24 ppm alkalinity remaining in the oil. The Potassium **||** <1 ppm condition of the oil is acceptable for the time in service. WEAR METALS Iron ppm 27 9 Copper ppm Lead ppm 16 Tin 1 ppm Aluminum **A** 71 ppm Chromium 4 ppm Molybdenum 58 ppm Nickel 1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese ■ <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1013 ppm Magnesium 930 ppm Zinc ppm 1190 Phosphorus ppm 997 Barium ppm 0 🔲 Boron 2 ppm



VP153685 Depot: Unique No: 10403454 Signed: Don Baldridge **Report Date:** 03 Apr 2023

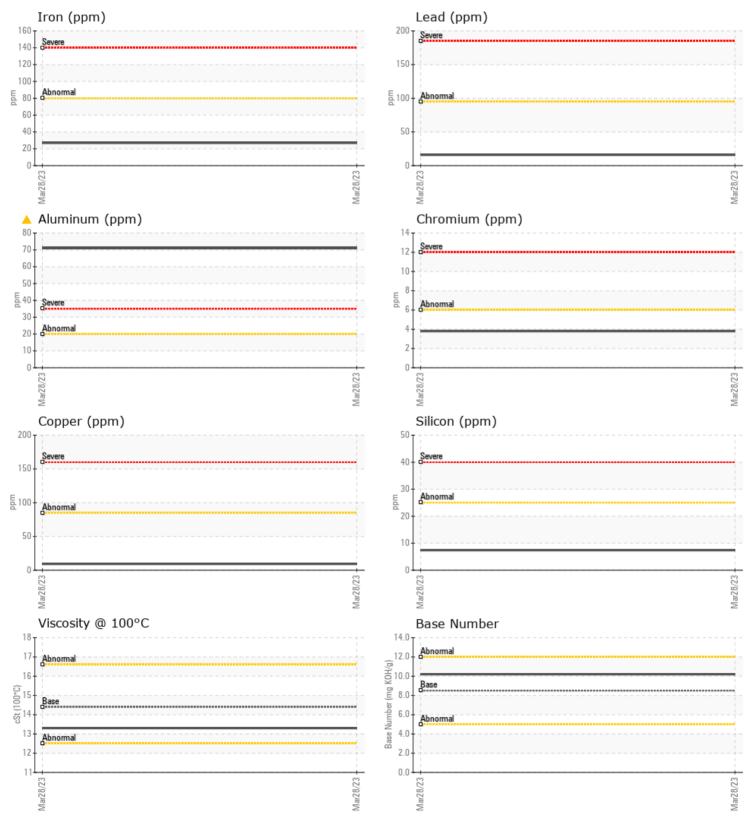
Contact/Location: Ronda Bolinger - VP153685



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GRAPHS



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