OIL ANALYSIS REPORT

SWEENEY JB VOLVO PENTA SWEENEY (S/N N/A) - STARBOARD DIESEL ENGINE

Sample No: VPA036960

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA036960 Sample Number **Point Judith Marina** 19 Oct 2023 Sample Date 360 Gooseberry Road Machine Hours 670 WAKEFIELD, RI **Oil Hours** 0 US 02879 Oil Changed Changed Contact: MATT ST. ANGELO NORMAL Sample Status service@pjmarina.com;canastasio@wearcheckusa.com T: (401)789-7189 **OIL CONDITION** F: (401)783-5350 14.0 Visc @ 100°C cSt Base Number (BN) mg KOH/g 8.6 Diagnosis Oxidation (PA) % 63 Resample at the next service interval CONTAMINATION to monitor.All component wear rates are normal. There is no indication of Soot % % 0.2 any contamination in the oil. The BN % Nitration (PA) 54 result indicates that there is suitable Sulfation (PA) % 55 alkalinity remaining in the oil. The condition of the oil is acceptable for % Glycol NEG the time in service. Fuel % <1.0 Silicon ppm 4 Sodium 3 ppm Potassium ppm 3 WEAR METALS 10 Iron ppm 4 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum ppm ■ <1 Chromium **||** < 1 ppm Molybdenum ppm 12 Nickel ■ <1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1949 ppm Magnesium 225 ppm 1226 Zinc ppm Phosphorus ppm 912 Barium ppm 0 🔲 Boron ppm 142



VP153811 Depot: Unique No: 10711576 Signed: Sean Felton **Report Date:** 27 Oct 2023

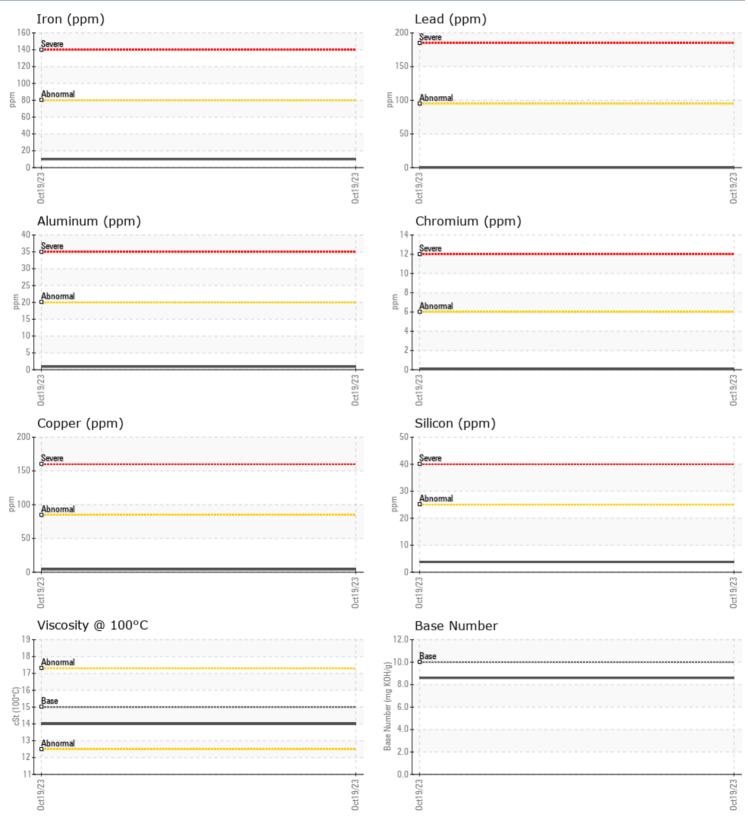
Contact/Location: MATT ST. ANGELO - VP153811

VOLVO PENTA

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GRAPHS



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Contact/Location: MATT ST. ANGELO - VP153811