OIL ANALYSIS REPORT

TANURY HS VOLVO PENTA 7011376093 - PORT DIESEL ENGINE

Sample No: VPA044072

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

SAMPLE INFORMATION VPA044072 VPA040839 Sample Number 16 Jul 2023 Sample Date 15 Nov 2021 Machine Hours 945 779 **Oil Hours** 0 179 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** F: (401)783-5350 12.7 Visc @ 100°C cSt 12.8 Base Number (BN) mg KOH/g 9.6 Oxidation (PA) % 62 63 CONTAMINATION 0.4 Soot % % 0.5 % Nitration (PA) 67 63 Sulfation (PA) % 57 58 % Glycol NEG NEG Fuel % <1.0 <1.0 Silicon ppm 5 4 Sodium 2 8 ppm Potassium 2 <1 ppm WEAR METALS 10 Iron ppm 8 43 39 Copper ppm Lead ppm 1 🔲 1 Tin ■ <1 1 ppm 2 Aluminum ppm ■ <1 < 1 Chromium 0 ppm Molybdenum 60 ppm 62 Nickel ■ <1 < 1 ppm Titanium ■<1 0 ppm Silver ppm 0 < 1 Manganese **||** <1 < ppm Vanadium 0 <1 ppm **ADDITIVES** Calcium 1133 1143 ppm Magnesium 1048 1018 ppm **1345** Zinc ppm 1212 Phosphorus ppm 1054 1118 Barium ppm 0 0 Boron ppm 0

VP153811 Depot: Unique No: 10576302 Signed: Doug Bogart **Report Date:** 30 Jul 2023



Point Judith Marina 360 Gooseberry Road WAKEFIELD, RI US 02879 Contact: MATT ST. ANGELO service@pjmarina.com;canastasio@wearcheckusa.com T: (401)789-7189

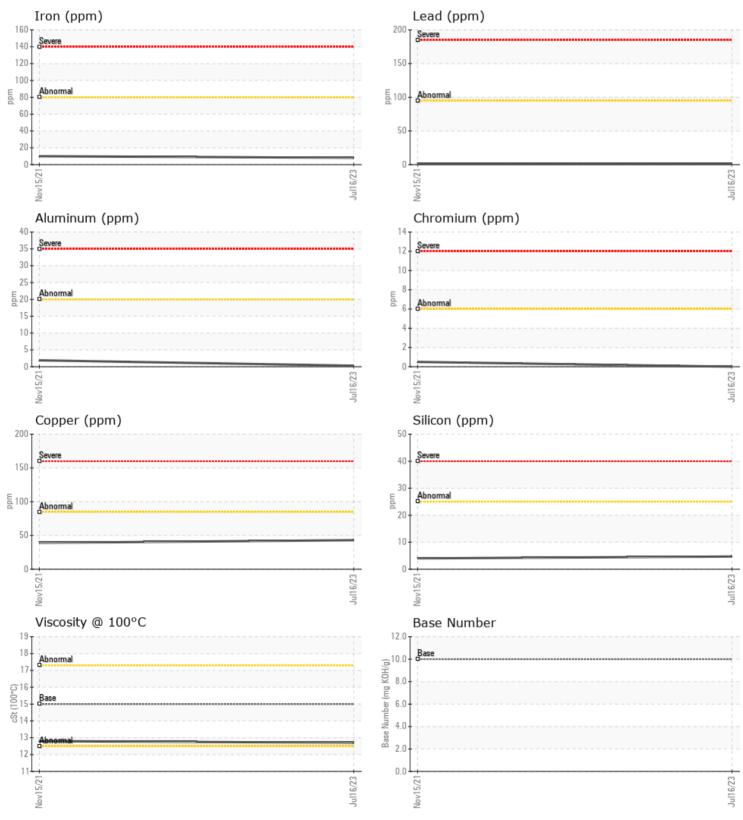
Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

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GRAPHS



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