OIL ANALYSIS REPORT

TROY HERTZ TROY HERTZ VOLVO PENTA TROY HERTZ - STERNDRIVE (S/N NOT GIVEN) - CENTER DIESEL ENGINE

Sample No: VPA060745

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA060745 Sample Number **Helmuts Marine Service** Sample Date 08 Mar 2024 619 Canal Street Machine Hours 434 SAN RAFAEL. CA **Oil Hours** 434 US 94901-3545 Oil Changed Changed Contact: NADINE URCIUOLI NORMAL Sample Status SERVICE@HEI MUTSMARINE COM T: x: **OIL CONDITION** 13.7 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.5 Oxidation (PA) % 51 CONTAMINATION Water % NEG % Soot % 0.1 Nitration (PA) % 42 Sulfation (PA) % 48 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 0 🔲 ppm Potassium 2 ppm WEAR METALS Iron 12 ppm 2 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 2 Chromium <1 ppm Molybdenum 51 ppm Nickel ■ <1</p> ppm Titanium ppm **||** <1 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1141 ppm Magnesium 850 ppm Zinc ppm 1090 Phosphorus ppm 960 Barium 0 ppm Boron ppm 26 Depot: Unique No:

10928138 Signed: Don Baldridge **Report Date:** 18 Mar 2024 Contact/Location: NADINE URCIUOLI - VP152741

VP152741

F: x: 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.

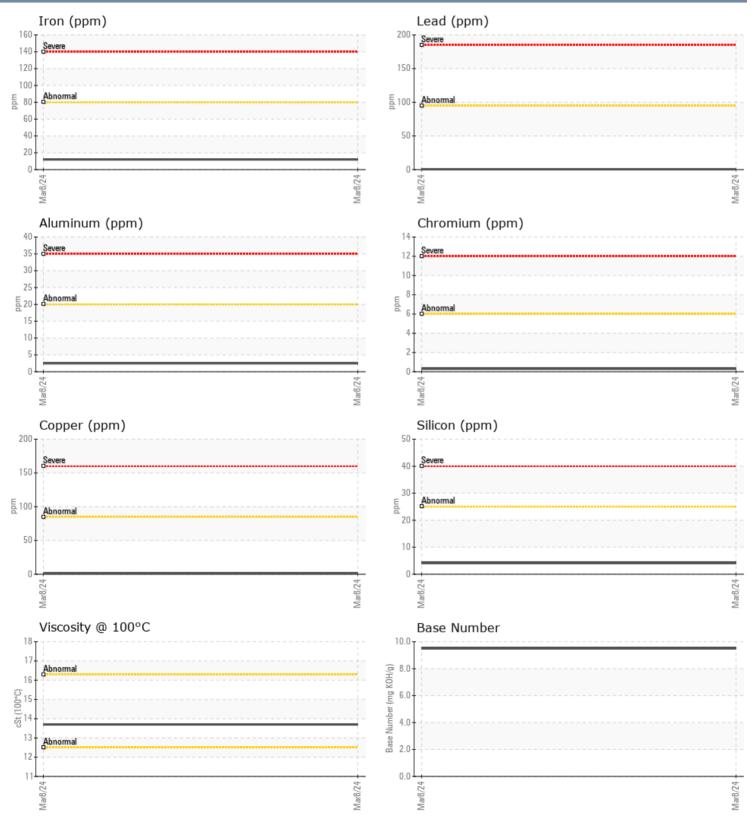


VOLVO PENTA

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GRAPHS



Report Id: VP152741 [WUSCAR] 06119305 (Generated: 03/19/2024 19:48:00) Rev: 1

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