OIL ANALYSIS REPORT

VOLVO PENTA 2006010687 - CENTER DIESEL ENGINE

Sample No: VPA056969

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA056969 Sample Number **Aqua Yacht Harbor Marina** Sample Date 03 Mar 2023 3832 Hwy. 25 North, 3832 Hwy. 25 North Machine Hours 599 IUKA, MS 0 **Oil Hours** US 38852 Oil Changed N/A Contact: DENNIS KANIZAI NORMAL Sample Status T: **OIL CONDITION** F: Visc @ 100°C cSt 14.2 Base Number (BN) mg KOH/g 8.8 Oxidation (PA) % 67 CONTAMINATION Soot % % 0.1 % Nitration (PA) 55 Sulfation (PA) % 57 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium 3 ppm Potassium ppm 7 WEAR METALS 18 Iron ppm Copper 5 🔲 ppm Lead ppm 1 🔲 Tin ■ <1 ppm Aluminum 1 ppm Chromium **||** < 1 ppm Molybdenum <1 ppm Nickel ■ <1 ppm Titanium **||** <1 ppm Silver ppm **||** <1 Manganese 1 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2109 ppm Magnesium 20 ppm Zinc ppm 1128 Phosphorus ppm 895 Barium ppm 0 🔲 Boron ppm 164



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

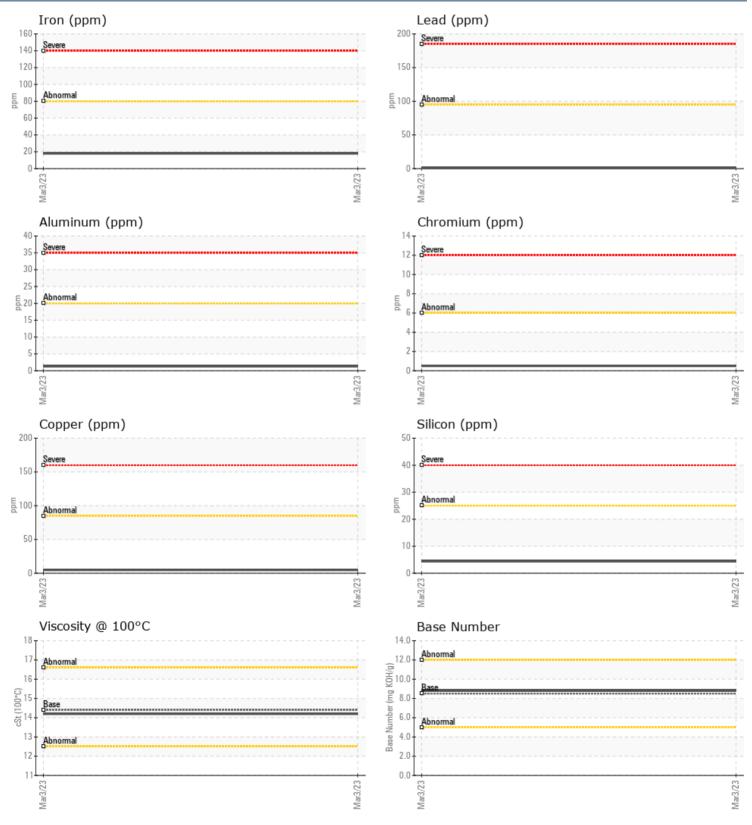
VP299833 Depot: Unique No: 10370580 Signed: Sean Felton **Report Date:** 09 Mar 2023

Contact/Location: DENNIS KANIZAI - VP299833

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GRAPHS



Report Id: VP299833 [WUSCAR] 05785909 (Generated: 09/19/2023 17:44:26) Rev: 1

Contact/Location: DENNIS KANIZAI - VP299833