OIL ANALYSIS REPORT

DAVE VOLVO PENTA A367239 - PORT DIESEL ENGINE

Sample No: VPA059668

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION VPA059668 Sample Number Walstrom Marine - 767948 Sample Date 15 Dec 2023 501 Bay Street Machine Hours 0 HARBOR SPRINGS, MI 0 **Oil Hours** US 49740 Oil Changed Changed Contact: RICK HEINY NORMAL Sample Status rheiny@walstrom.com **OIL CONDITION** T: F: Visc @ 100°C cSt 14.3 Base Number (BN) mg KOH/g 8.7 Diagnosis Oxidation (PA) % 68 Resample at the next service interval CONTAMINATION to monitor.All component wear rates are normal. There is no indication of % NEG Water any contamination in the oil. The BN % Soot % 0.2 result indicates that there is suitable Nitration (PA) % 53 alkalinity remaining in the oil. The condition of the oil is acceptable for % Sulfation (PA) 57 the time in service. Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 2 ppm Potassium 5 ppm WEAR METALS Iron 9 ppm 3 Copper ppm Lead ppm 0 🔲 Tin 0 ppm Aluminum ppm 0 Chromium 0 ppm Molybdenum 0 ppm Nickel 0 ppm Titanium ppm 0 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 2070 ppm Magnesium **15** ppm Zinc ppm 1104 Phosphorus ppm 879 Barium 0 🔲 ppm Boron ppm 173 Depot:

Report Date: 27 Dec 2023 Contact/Location: RICK HEINY - VP154879

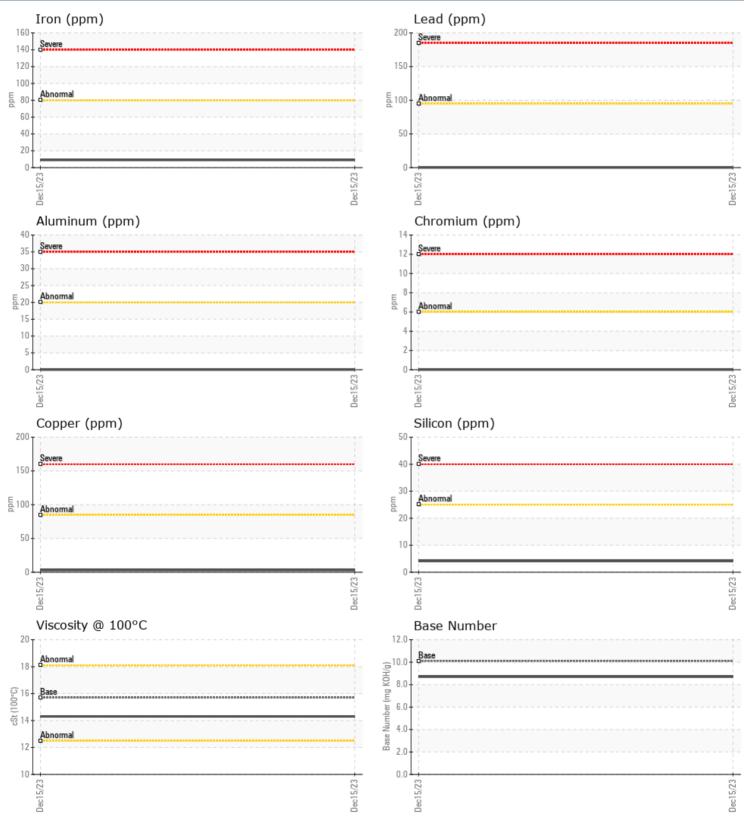
Page 1 of 2

VOLVO PENTA

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP154879 [WUSCAR] 06044520 (Generated: 12/27/2023 16:58:02) Rev: 1

Contact/Location: RICK HEINY - VP154879