OIL ANALYSIS REPORT

IT'S ALL GOOD VOLVO PENTA 2004031070 - PORT DIESEL ENGINE

Sample No: VPA057493

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA057493 Sample Number Sample Date 01 Apr 2024 Machine Hours 1113 **Oil Hours** 50 Oil Changed Changed NORMAL Sample Status Т٠ **OIL CONDITION** F: Visc @ 100°C cSt 13.8 Base Number (BN) mg KOH/g 9.6 Oxidation (PA) % 63 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 50 % Sulfation (PA) 54 Glycol % NEG Fuel % <1.0 Silicon 3 ppm Sodium **||** <1 ppm Potassium **||** <1 ppm WEAR METALS 11 Iron ppm 3 Copper ppm Lead ppm 2 Tin 0 ppm Aluminum 1 ppm Chromium ppm <1 Molybdenum 52 ppm Nickel 1 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1116 ppm Magnesium 997 ppm Zinc ppm 1178 1091 Phosphorus ppm Barium 0 ppm Boron ppm 12 Depot:

Outstanding Marine

PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net

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 acceptable for the time in service.



Page 1 of 2

VP153685

10968706

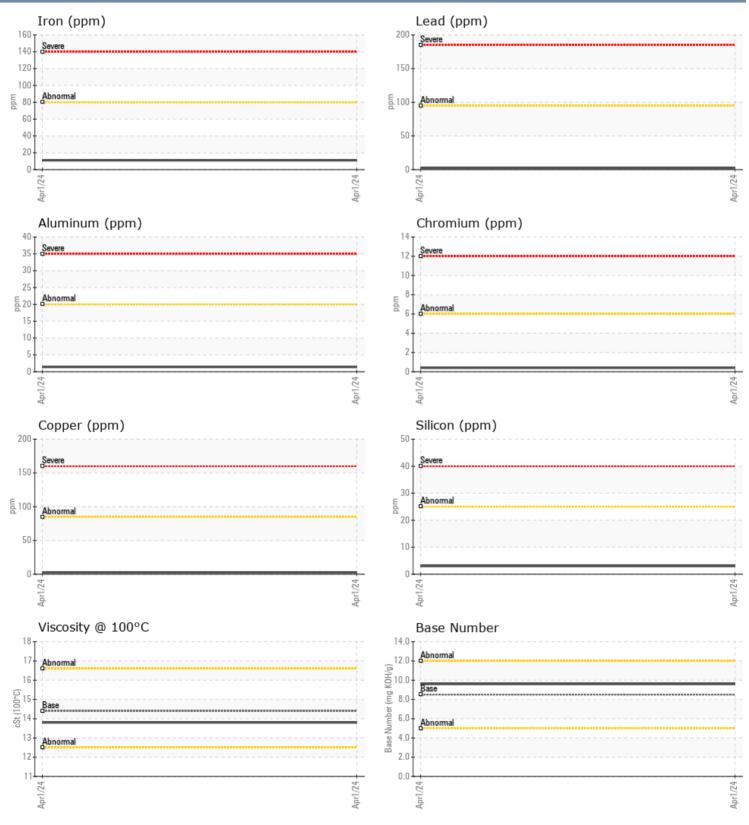
Angela Borella

12 Apr 2024

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153685 [WUSCAR] 06143898 (Generated: 04/12/2024 17:19:30) Rev: 1

Contact/Location: Ronda Bolinger - VP153685