OIL ANALYSIS REPORT

502867 VOLVO PENTA 40869182 - DIESEL ENGINE

Sample No: VPA060065

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA060065 Sample Number Endor Marine LLC - Coastal Marine - 152124 27 Mar 2024 Sample Date 4300 11th Ave. NW Machine Hours 556 SEATTLE, WA 0 **Oil Hours** US 98107 N/A Oil Changed Contact: WILLOW YANARELLA NORMAL Sample Status T: (206)784-3703 **OIL CONDITION** F: (206)784-8823 Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) % 71 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 49 % Sulfation (PA) 57 the time in service. Glycol % NEG % Fuel <1.0 Silicon 12 ppm Sodium ppm 1 Potassium 0 🔲 ppm WEAR METALS Iron 13 ppm 3 Copper ppm Diagnosis Lead ■ <1 ppm Tin 0 ppm Aluminum ppm 4 Chromium ppm <1 Molybdenum 48 ppm Nickel 2 ppm Titanium ppm 0 🔲 Silver ppm 0 Manganese ■ <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1458 ppm Magnesium 743 ppm Zinc ppm 1065 944 Phosphorus ppm Barium 0 ppm Boron ppm 30 Depot: VP794951 Unique No: 10952325 Signed: Don Baldridge

Report Id: VP794951 [WUSCAR] 06132860 (Generated: 04/03/2024 14:53:28) Rev: 1

Report Date: 02 Apr 2024 Contact/Location: WILLOW YANARELLA - VP794951



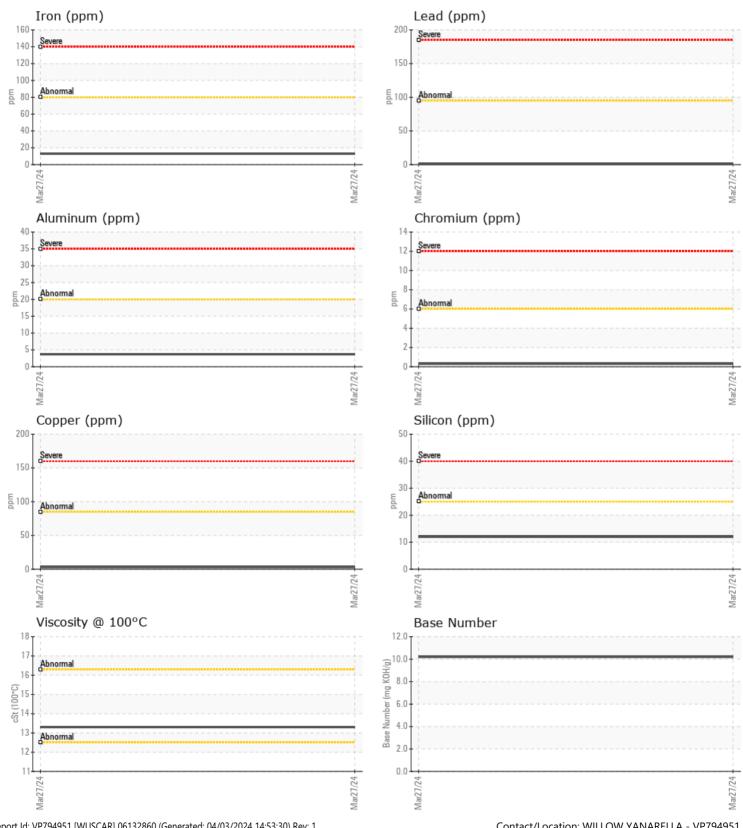
service@coastalmarineengine.com

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

OIL ANALYSIS REPORT



GRAPHS



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