OIL ANALYSIS REPORT

TERRY JENSEN DILLON VOLVO PENTA 4012135275 - CENTER GASOLINE ENGINE

Sample No: VPA036300

Oil Type: VOLVO MULTIFUNCTIONAL 10W-30 VDS-2

SAMPLE INFORMATION VPA036300 Sample Number Sample Date 16 Apr 2024 Machine Hours 997 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.6 Base Number (BN) mg KOH/g 7.2 Oxidation (PA) % 13 CONTAMINATION % NEG Water % Soot % 0 Nitration (PA) % 8 % Sulfation (PA) 11 Glycol % NEG % Fuel <1.0 Silicon 10 ppm Sodium 2 ppm Potassium 2 ppm WEAR METALS Iron 8 ppm 3 Copper ppm Lead ppm 3 Tin ■ <1 ppm Aluminum ppm 2 Chromium ppm <1 Molybdenum 43 ppm Nickel ■ <1</p> ppm Titanium ppm <1 ■<1 Silver ppm Manganese 0 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1867 ppm Magnesium 43 ppm Zinc ppm 834 709 Phosphorus ppm Barium 0 ppm Boron ppm 42 Depot: Unique No: Signed:

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

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.

Contact/Location: WILLOW YANARELLA - VP794951

Report Date:

VP794951

10989446

Don Baldridge

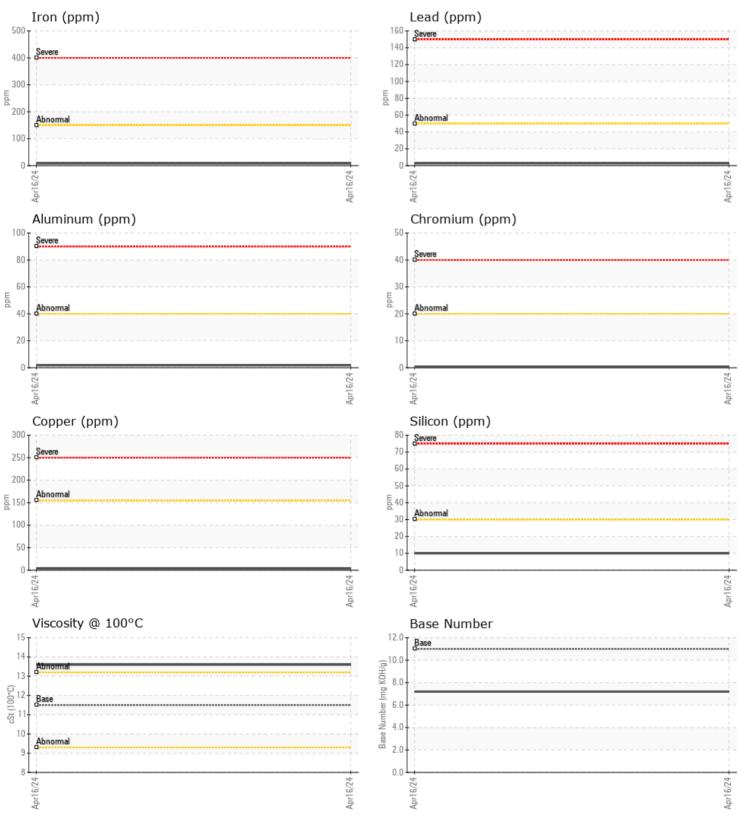
23 Apr 2024



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GRAPHS



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Contact/Location: WILLOW YANARELLA - VP794951