OIL ANALYSIS REPORT

DAVID DE MARIA DILLON VOLVO PENTA 3194001020 - PORT IPS

Sample No: VPA059183

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION Sample Number VPA059183 VPA048212 08 Feb 2024 Sample Date 08 Mar 2022 4300 11th Ave. NW Machine Hours 1532 1444 SEATTLE, WA 0 **Oil Hours** 0 US 98107 Changed Oil Changed Changed NORMAL NORMAL Sample Status T: (206)784-3703 **OIL CONDITION** F: (206)784-8823 Visc @ 40°C cSt 115 104 CONTAMINATION Diagnosis % NEG Water NEG Silicon 10 ppm 16 Sodium 0 🔲 0 ppm Potassium ppm 1 0 the time in service. WEAR METALS PO 33 24 27 46 Iron ppm Copper ppm 4 6 Lead <1 0 ppm Tin <1 1 ppm 2 Aluminum ppm 4 Chromium ■<1 <1 ppm Molybdenum 2 < 1 ppm **||** <1 0 Nickel ppm Titanium <1 ppm <1 Silver 0 0 ppm 1 Manganese ■ <1 ppm Vanadium <1 0 ppm **ADDITIVES** 3 Calcium 79 ppm Magnesium ppm 2 <1 Zinc ppm 49 7 Phosphorus ppm 1352 1435 0 Barium ppm 0 328 Boron ppm 310

Endor Marine LLC - Coastal Marine - 152124 Contact: WILLOW YANARELLA 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 condition of the oil is acceptable for

Depot: VP794951 Unique No: 10926213 Signed: Don Baldridge **Report Date:** 15 Mar 2024

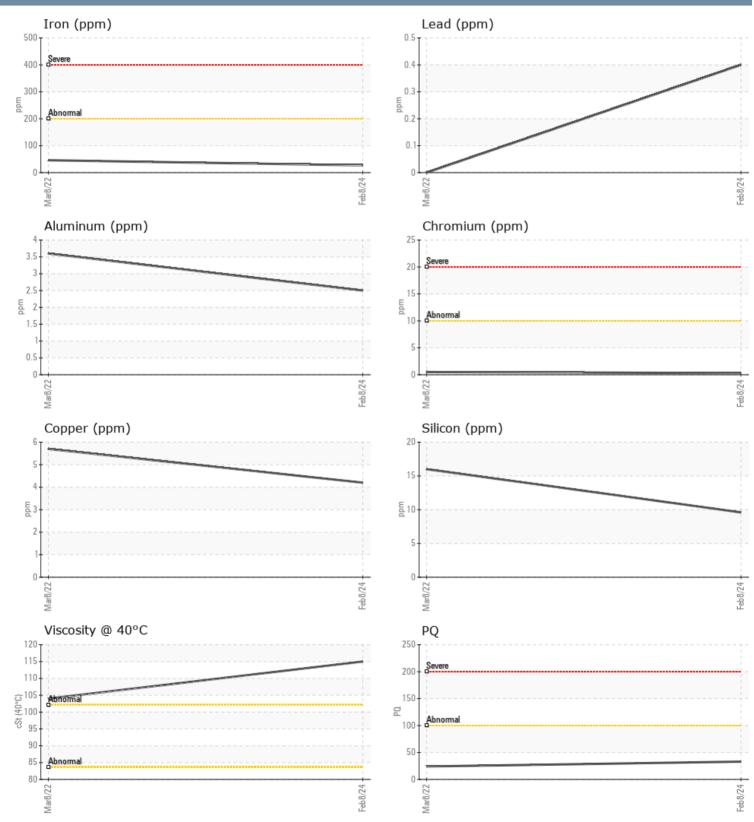
Contact/Location: WILLOW YANARELLA - VP794951



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GRAPHS



Report Id: VP794951 [WUSCAR] 06117380 (Generated: 03/15/2024 23:13:49) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951