OIL ANALYSIS REPORT

MICHAEL COLEMAN PATRICK/502200-7400 VOLVO PENTA 50250119975 - INBOARD - GEARBOX

Sample No: VPA036865

Oil Type: VOLVO PENTA VDS 4.5

SAMPLE INFORMATION Sample Number VPA036865 Endor Marine LLC - Coastal Marine - 152124 26 Jul 2023 Sample Date 4300 11th Ave. NW Machine Hours 1466 SEATTLE, WA 0 **Oil Hours** US 98107 Changed Oil Changed Contact: WILLOW YANARELLA ABNORMAL Sample Status service@coastalmarineengine.com T: (206)784-3703 **OIL CONDITION** F: (206)784-8823 Visc @ 40°C cSt 76.2 Diagnosis CONTAMINATION The oil change at the time of Silicon ppm 12 sampling has been noted. Resample Sodium ppm 88 at the next service interval to Potassium 3 ppm monitor. The copper level is abnormal. All other component wear rates are WEAR METALS normal. There is no indication of any contamination in the oil. The PO 39 condition of the oil is acceptable for Iron 78 ppm the time in service. Copper ppm **A** 207 Lead ppm 50 Tin ppm 3 6 Aluminum ppm Chromium ppm **||** <1 Molybdenum 49 ppm Nickel **||** <1 ppm Titanium ppm <1 Silver 0 ppm Manganese 3 ppm Vanadium <1 ppm ADDITIVES Calcium 1313 ppm 836 Magnesium ppm 1316 Zinc ppm Phosphorus ppm 1113 Barium 0 ppm 22 Boron ppm

Depot:	VP794951
Unique No:	10578234
Signed:	Doug Bogart
Report Date:	01 Aug 2023

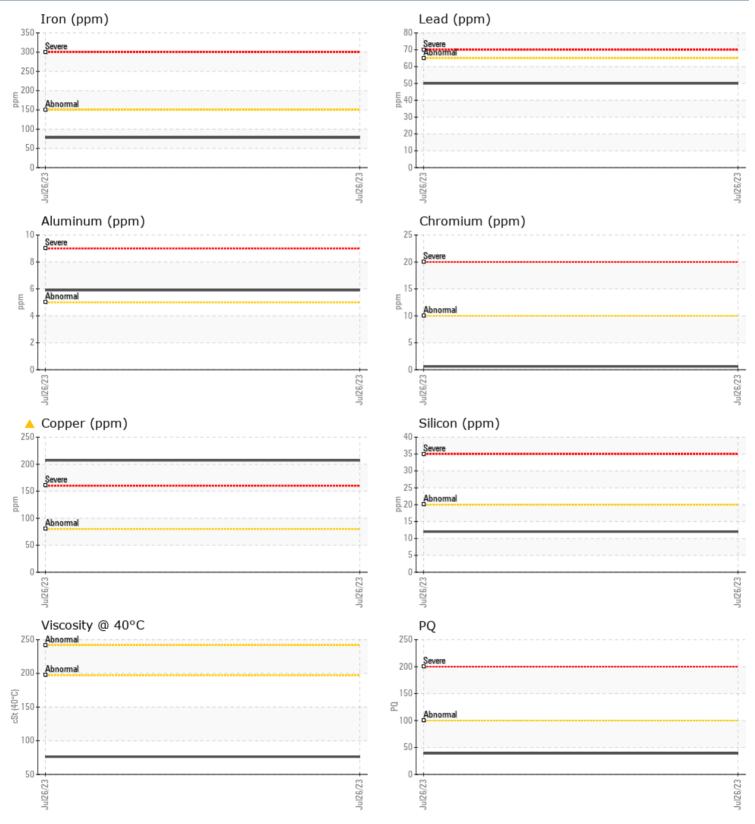
Contact/Location: WILLOW YANARELLA - VP794951

VOLVO PENTA

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GRAPHS



Report Id: VP794951 [WUSCAR] 05911582 (Generated: 08/03/2023 13:43:17) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951