OIL ANALYSIS REPORT

VOLVO PENTA

DAVID XUE GEOFF/502260 VOLVO PENTA 3950001709 - PORT IPS

Sample No: VPA049553

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA049553 VPA037050 Sample Date 09 Aug 2023 02 Feb 2022 Machine Hours 4 386 0 129 **Oil Hours** Oil Changed Not Changd Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 40°C cSt 107 103 CONTAMINATION 5 Silicon ppm 3 <1 Sodium ppm ■ <1 Potassium ■<1 0 ppm WEAR METALS PO 18 21 Iron 13 20 ppm Copper ppm 1 2 Lead ppm 0 <1 Tin ppm <1 0 2 1 Aluminum ppm **||** <1 Chromium ppm < 1 Molybdenum 0 □ < 1 ppm Nickel ■<1 0 ppm 0 Titanium ppm 0 Silver 0 5 ppm <1 Manganese ppm ■ <1 Vanadium 0 0 ppm ADDITIVES Calcium 10 ppm 3 6 Magnesium 4 ppm Zinc ppm 3 8 Phosphorus ppm 1701 1366 Barium 2 0 ppm 322 445 Boron ppm

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 component. The condition of the oil is acceptable for the time in service.

 Depot:
 VP794951

 Unique No:
 10603653

 Signed:
 Don Baldridge

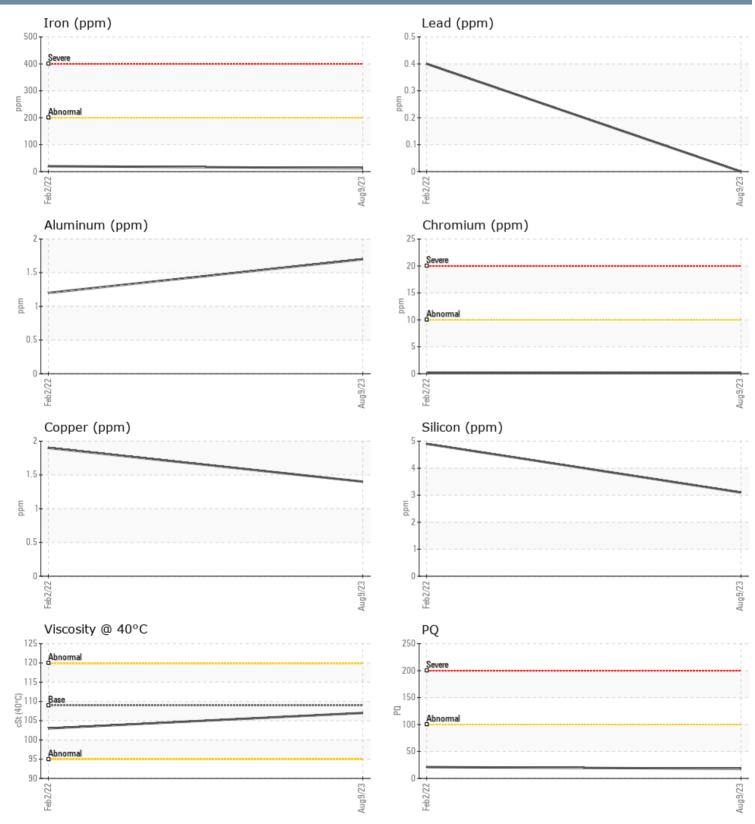
 Report Date:
 15 Aug 2023

Contact/Location: WILLOW YANARELLA - VP794951

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GRAPHS



Report Id: VP794951 [WUSCAR] 05923706 (Generated: 08/16/2023 11:03:53) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951