OIL ANALYSIS REPORT

TODD EVANS 7717359 VOLVO PENTA 3194001192 - STARBOARD IPS

Sample No: VPA041689

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION VPA041689 VPA034671 Sample Number Pacific Power Group - VP981534 Sample Date 13 Oct 2023 25 Aug 2020 7215 S 228th St Machine Hours 631 453 Kent, WA **Oil Hours** 178 0 US 98032 Oil Changed Changed Changed Contact: PAT RYAN SEVERE Sample Status ATTENTION T: (253)520-5163 **OIL CONDITION** F: Visc @ 40°C cSt 108 102 Diagnosis CONTAMINATION % 1.90 Water Silicon 33 ppm 21 Sodium 176 16 ppm Potassium ppm 8 2 resample to monitor this WEAR METALS PO 16 23 **A** 276 Iron ppm 🔺 268 Copper 19 26 ppm Lead <1 <1 ppm <1 Tin <1 ppm 9 Aluminum ppm 12 Chromium ppm 2 2 **||** < 1 0 Molybdenum ppm 2 Nickel ppm 2 Titanium 0 ppm <1 Silver 0 ppm < 1 4 5 Manganese ppm Vanadium 0 0 ppm **ADDITIVES** Calcium 5 ppm 16 Magnesium ppm 32 19 Zinc ppm 58 46 Phosphorus 1326 1322 ppm Barium ppm 10 0 Boron 313 267 ppm

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VOLVO PENTA

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early condition.Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

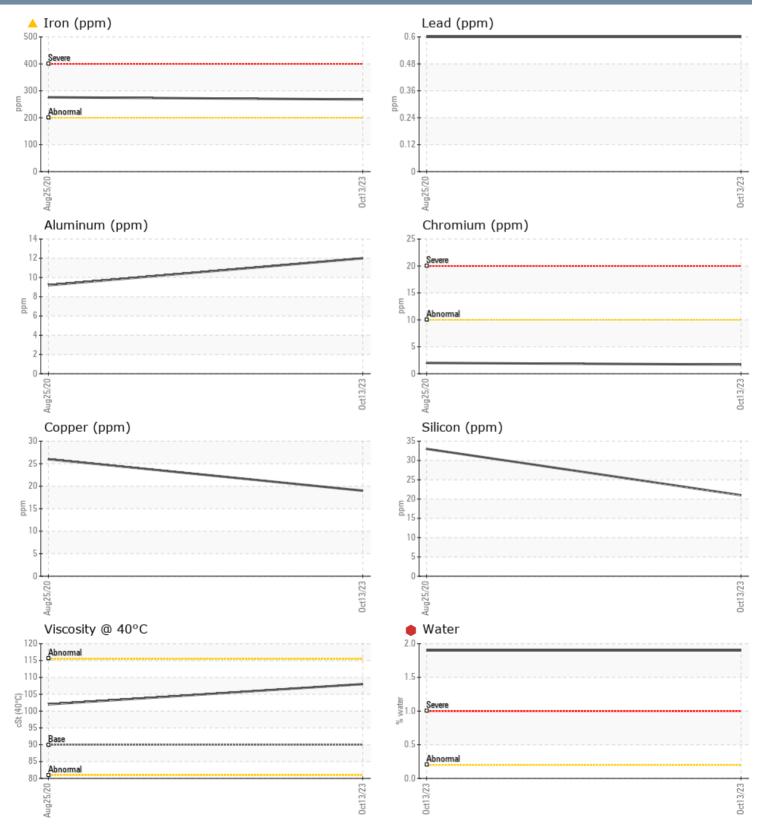
VP99031103 Depot: Unique No: 10710209 Signed: Jonathan Hester **Report Date:** 26 Oct 2023

Contact/Location: PAT RYAN - VP99031103

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GRAPHS



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Contact/Location: PAT RYAN - VP99031103