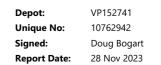
OIL ANALYSIS REPORT

NADINE URCIUOLI KALLSEN 2300563 VOLVO PENTA 3950006145 - STARBOARD IPS

Sample No: VPA059540

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION Sample Number VPA059540 **Helmuts Marine Service** Sample Date 15 Nov 2023 619 Canal Street Machine Hours 457 SAN RAFAEL, CA 457 **Oil Hours** US 94901-3545 Oil Changed Changed Contact: NADINE URCIUOLI NORMAL Sample Status SERVICE@HEI MUTSMARINE COM T: x: **OIL CONDITION** F: x: Visc @ 40°C cSt 104 Diagnosis CONTAMINATION Oil and filter change at the time of % NEG Water sampling has been noted. Resample Silicon ppm 1 at the next service interval to Sodium 2 ppm monitor.All component wear rates Potassium ppm 0 are normal. There is no indication of any contamination in the oil. The WEAR METALS condition of the oil is acceptable for the time in service. PO 12 9 Iron ppm Copper ppm 1 Lead 0 ppm 0 Tin ppm 0 Aluminum ppm Chromium 0 ppm Molybdenum **||** < 1 ppm 0 🔲 Nickel ppm Titanium 0 ppm Silver 0 ppm Manganese ■ <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 26 ppm Magnesium ppm 36 Zinc ppm 25 Phosphorus ppm 1415 Barium ppm 0 Boron ppm 307

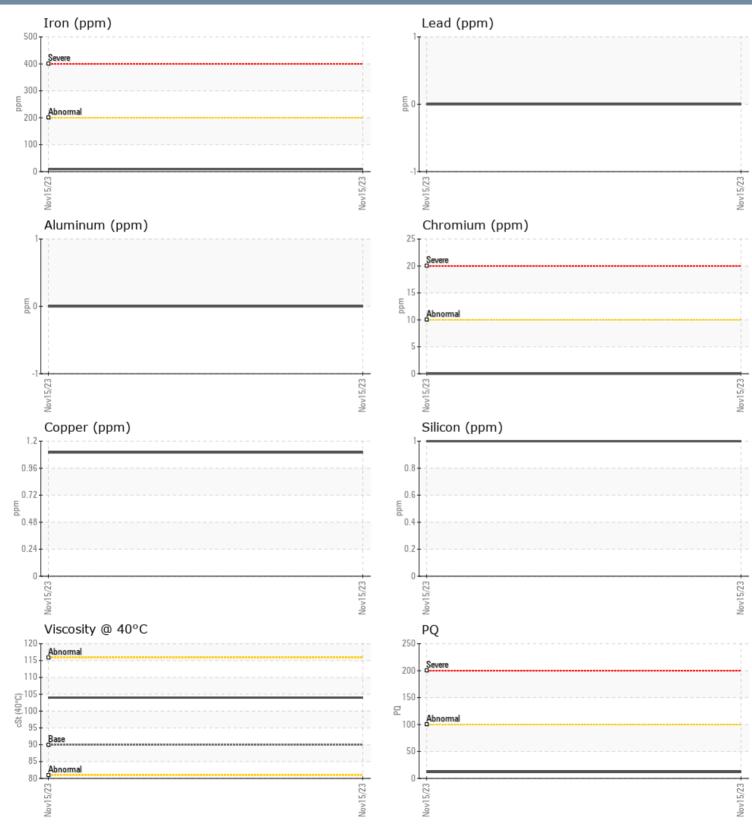


VOLVO PENTA

OIL ANALYSIS REPORT







Report Id: VP152741 [WUSCAR] 06018442 (Generated: 11/29/2023 18:16:35) Rev: 1

Contact/Location: NADINE URCIUOLI - VP152741