OIL ANALYSIS REPORT

NADINE URCIUOLI ERIC BROWN VOLVO PENTA 3950008467 - STARBOARD IPS

Sample No: VPA061273

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION VPA061273 Sample Number **Helmuts Marine Service** Sample Date 19 Jun 2024 619 Canal Street Machine Hours 219 SAN RAFAEL. CA 219 **Oil Hours** US 94901-3545 Oil Changed Changed Contact: NADINE URCIUOLI ATTENTION 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 4 at the next service interval to Sodium 4 ppm monitor.All component wear rates Potassium ppm 6 are normal. Moderate concentration of visible dirt/debris present in the WEAR METALS oil. The condition of the oil is acceptable for the time in service. PO 16 22 Iron ppm Copper ppm **4** Lead 0 ppm Tin 0 🔲 ppm Aluminum ppm 1 Chromium ppm 0 Molybdenum 0 ppm Nickel ppm 1 🔲 Titanium 0 ppm Silver 0 ppm Manganese 3 ppm Vanadium 0 ppm **ADDITIVES** Calcium 16 ppm Magnesium ppm 201 Zinc ppm 0 Phosphorus ppm 1442 Barium 0 🔲 ppm Boron ppm 333



 Depot:
 VP152741

 Unique No:
 11101980

 Signed:
 Don Baldridge

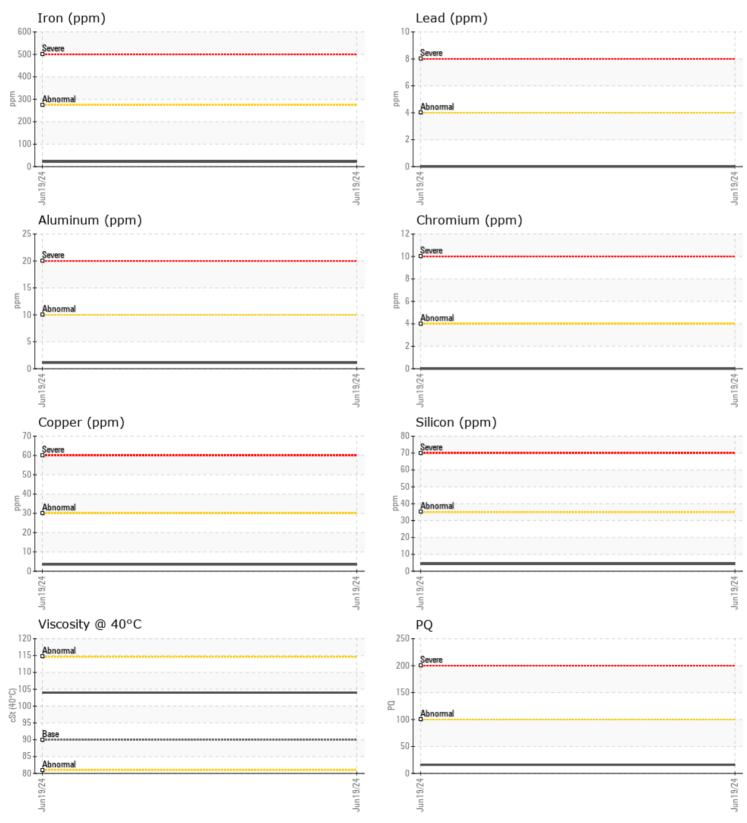
 Report Date:
 01 Jul 2024

 Contact/Location: NADINE
 URCIUOLI - VP152741

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GRAPHS



Report Id: VP152741 [WUSCAR] 06223783 (Generated: 07/01/2024 16:19:34) Rev: 1

Contact/Location: NADINE URCIUOLI - VP152741