OIL ANALYSIS REPORT

NADINE URCIUOLI SCOTT LINGEN VOLVO PENTA 3950006634 - STARBOARD IPS

Sample No: VPA052156

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA052156 **Helmuts Marine Service** Sample Date 29 Apr 2024 619 Canal Street Machine Hours 238 SAN RAFAEL. CA 238 **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 Resample at the next service interval % NEG Water to monitor.All component wear rates Silicon 2 ppm are normal. There is no indication of Sodium **||** <1 ppm any contamination in the oil. The Potassium ppm 1 condition of the oil is acceptable for the time in service. WEAR METALS PO 21 27 Iron ppm Copper ppm 2 Lead 0 ppm <1 Tin ppm <1 Aluminum ppm Chromium □ <1 ppm Molybdenum 0 ppm 0 🔲 Nickel ppm Titanium 0 ppm Silver 0 ppm Manganese 1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 6 ppm Magnesium ppm 28 Zinc ppm 2 Phosphorus ppm 1384 Barium ppm **||** <1 Boron ppm 337

 Depot:
 VP152741

 Unique No:
 11018951

 Signed:
 Don Baldridge

 Report Date:
 11 May 2024

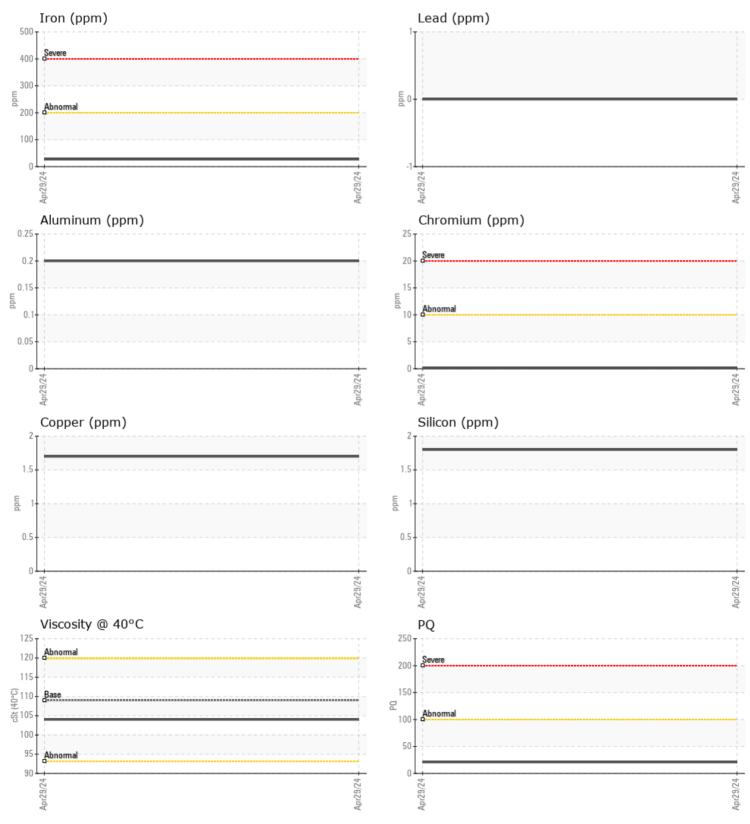
 Contact/Location: NADINE URCIUOLI - VP152741



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GRAPHS



Report Id: VP152741 [WUSCAR] 06172898 (Generated: 05/13/2024 15:14:19) Rev: 1

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