OIL ANALYSIS REPORT

NADINE URCIUOLI MAYTAG VOLVO PENTA A 1093632 - STERNDRIVE - PORT DIESEL ENGINE

Sample No: VPA051703

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA051703 Sample Number **Helmuts Marine Service** Sample Date 01 Aug 2023 ____ 619 Canal Street Machine Hours 142 SAN RAFAEL. CA **Oil Hours** 142 US 94901-3545 Oil Changed Not Changd Contact: NADINE URCIUOLI NORMAL Sample Status SERVICE@HEI MUTSMARINE COM T: x: **OIL CONDITION** F: x: 13.3 Visc @ 100°C cSt Base Number (BN) mg KOH/g 10.1 Diagnosis Oxidation (PA) % 58 Resample at the next service interval CONTAMINATION to monitor.All component wear rates are normal. There is no indication of Soot % % 0 🔲 any contamination in the oil. The BN % Nitration (PA) 40 result indicates that there is suitable Sulfation (PA) % 52 alkalinity remaining in the oil. The condition of the oil is acceptable for % Glycol NEG the time in service. Fuel % <1.0 Silicon ppm 8 Sodium 2 ppm Potassium ppm 1 WEAR METALS 10 Iron ppm 3 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum ppm 6 Chromium **||** < 1 ppm Molybdenum 61 ppm Nickel 1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese ■ <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1254 ppm Magnesium 988 ppm Zinc ppm 1345 🔲 Phosphorus ppm 1107 Barium ppm 0 Boron ppm 9 Depot:

 Depot:
 VP152741

 Unique No:
 10591420

 Signed:
 Sean Felton

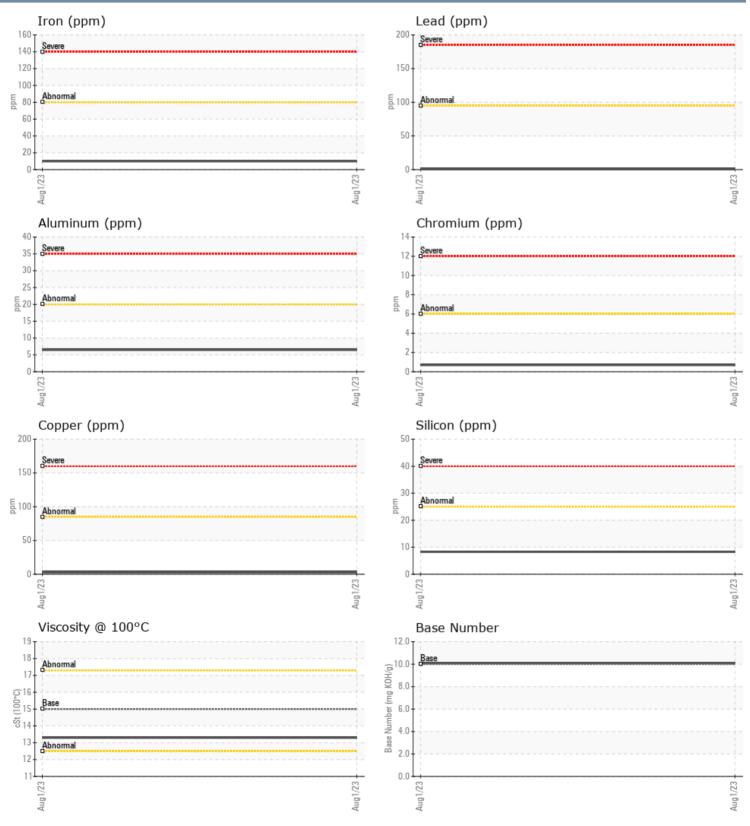
 Report Date:
 10 Aug 2023

VOLVO PENTA

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP152741 [WUSCAR] 05919506 (Generated: 08/14/2023 09:37:11) Rev: 1

Contact/Location: NADINE URCIUOLI - VP152741