OIL ANALYSIS REPORT

0609 VOLVO PENTA A711550 - STARBOARD DIESEL ENGINE

Sample No: VPA057411

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA057411 Sample Number Sample Date 19 Mar 2024 Machine Hours 534 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C 13.5 cSt Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 55 CONTAMINATION Water % NEG % Soot % 0.1 Nitration (PA) % 39 Sulfation (PA) % 50 Glycol % NEG Fuel % <1.0 Silicon 6 🔲 ppm Sodium 0 🔲 ppm Potassium 2 ppm WEAR METALS Iron 5 ppm 2 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 3 Chromium <1 ppm Molybdenum ppm 61 Nickel **||** <1 ppm Titanium ppm **||** <1 0 Silver ppm Manganese 0 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1106 ppm 944 Magnesium ppm Zinc ppm 1204 959 Phosphorus ppm Barium 2 ppm Boron ppm 4



Sun Power Diesel & Marine 833 NE 3Rd Ave DANIA BEACH, FL US 33004 Contact: SCOTT scott@sunpowermarine.com T: (954)237-2200 F: (954)237-2222

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP154386

 Unique No:
 10939497

 Signed:
 Sean Felton

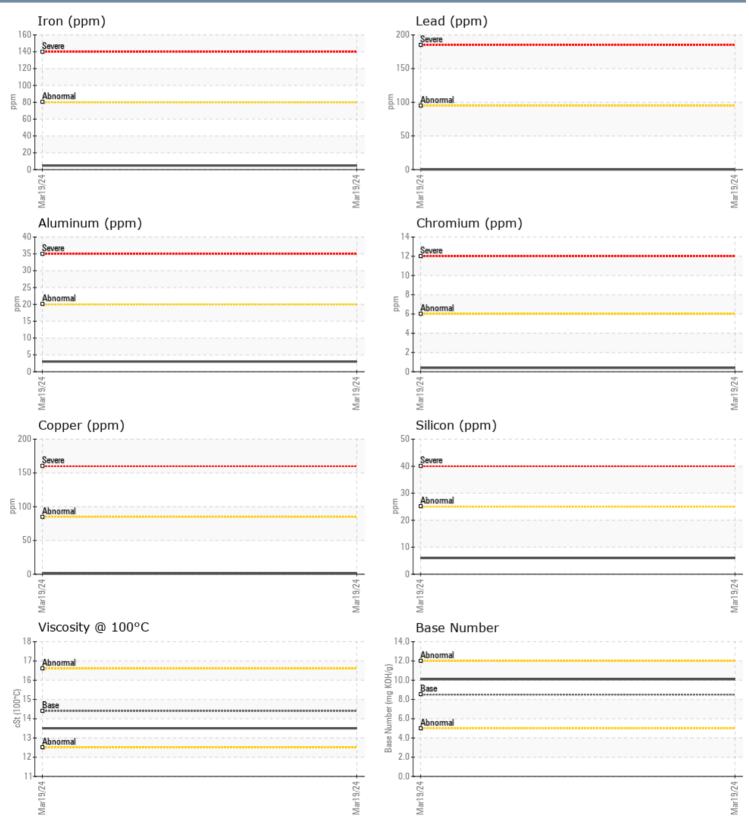
 Report Date:
 25 Mar 2024

Contact/Location: SCOTT ? - VP154386

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GRAPHS



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