OIL ANALYSIS REPORT

ERIC SWANSON 44589 VOLVO PENTA A 1082825 - STARBOARD DIESEL ENGINE

VPA036164 Sample No:

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA036164 VPA048125 Sample Number Sample Date 19 Mar 2024 04 Apr 2023 Machine Hours 625 465 **Oil Hours** 160 0 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C 13.6 cSt 13.5 Base Number (BN) mg KOH/g 9.6 9.8 Oxidation (PA) % 57 60 CONTAMINATION % NFG Water NEG % Soot % 0.3 0.4 Nitration (PA) % 53 63 Sulfation (PA) % 53 55 Glycol % NEG NFG Fuel % <1.0 <1.0 Silicon 6 7 ppm Sodium 1 1 ppm Potassium 1 0 ppm WEAR METALS 20 29 Iron ppm 8 14 Copper ppm Lead 2 ppm 2 Tin ■ <1 | <1 ppm Aluminum 3 ppm 2 Chromium <1 1 ppm Molybdenum 58 ppm 62 Nickel 2 3 ppm Titanium ppm **||** <1 0 Silver 0 0 ppm Manganese 1 <1 ppm Vanadium ppm <1 0 **ADDITIVES** 1125 Calcium 1122 ppm Magnesium 970 904 ppm Zinc ppm 1273 1242 Phosphorus ppm 1093 994 Barium 0 🔲 0 ppm Boron ppm 3 2

Depot: VP568144 Unique No: 10940233 Signed: Don Baldridge **Report Date:**

25 Mar 2024

Contact/Location: STEVE VASAS - VP568144



COASTAL CAROLINA YACHT SALES 145 LOCKWOOD BLVD CHARLESTON, SC US 29403 Contact: STEVE VASAS steve@ccyachtsales.com

Resample at the next service interval

to monitor.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

T: F:

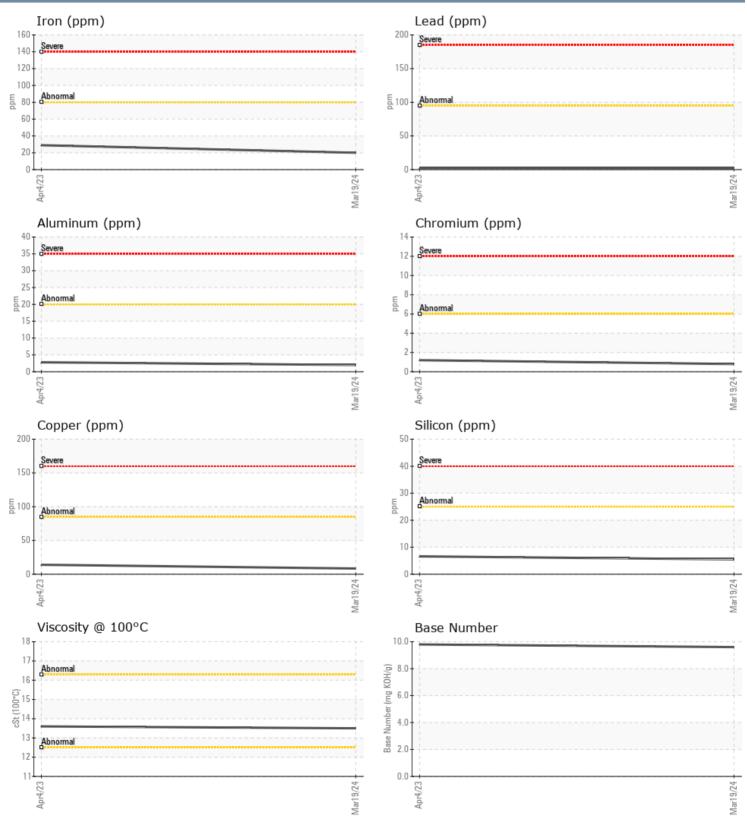
Diagnosis

the time in service.

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GRAPHS



Report Id: VP568144 [WUSCAR] 06126082 (Generated: 03/25/2024 17:31:11) Rev: 1

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