## **OIL ANALYSIS REPORT**

### VOLVO PENTA 2013971798 - STARBOARD DIESEL ENGINE

Sample No: VPA059478

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA059478 Sample Date 01 Mar 2024 Machine Hours 592 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.05 Base Number (BN) mg KOH/g 6.7 Oxidation (PA) % 69 CONTAMINATION % Water NEG % Soot % 2.5 Nitration (PA) % 84 % Sulfation (PA) 72 Glycol % NEG Fuel % <1.0 Silicon 7 ppm Sodium 0 🔲 ppm Potassium 1 ppm WEAR METALS Iron 43 ppm 136 Copper ppm Lead ppm 1 Tin 2 ppm Aluminum ppm 3 Chromium <1 ppm 59 Molybdenum ppm Nickel 0 🔲 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1152 ppm Magnesium 928 ppm Zinc ppm 1247 Phosphorus ppm 1041 Barium 2 ppm Boron ppm 10 Depot:

**SUNCOAST DIESEL MARINE** 6341 PORTER ROAD, SUITE 6

SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033

#### Diagnosis

No corrective action is recommended at this time. 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 the time in service.

Contact/Location: SERVICE MANAGER - VP705283

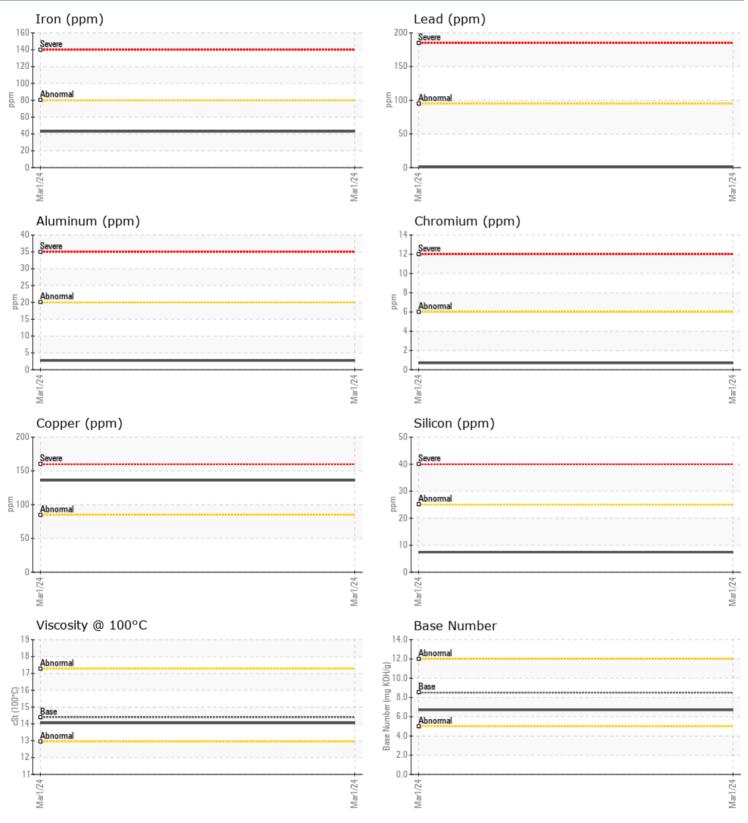
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#### GRAPHS



Report Id: VP705283 [WUSCAR] 06109075 (Generated: 03/05/2024 16:29:05) Rev: 1

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