## **OIL ANALYSIS REPORT**

### SCHREIBER 4570 VOLVO PENTA 70112010232 - STARBOARD DIESEL ENGINE

Sample No: VPA057193

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION VPA057193 Sample Number Sample Date 26 Mar 2024 Machine Hours 486 **Oil Hours** 0 Oil Changed Not Changd ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C **11.7** cSt Base Number (BN) mg KOH/g 8.6 Oxidation (PA) % 63 CONTAMINATION % Water NEG % Soot % 0.7 Nitration (PA) % 67 % Sulfation (PA) 61 Glycol % NEG Fuel % **6.2** Silicon 15 ppm Sodium **||** <1 ppm Potassium 2 ppm WEAR METALS Iron 33 ppm 84 Copper ppm Lead ppm 2 Tin 2 ppm Aluminum ppm 2 Chromium 1 ppm 61 Molybdenum ppm Nickel 2 ppm Titanium ppm **||** <1 Silver ■ <1 ppm Manganese 1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1143 ppm Magnesium 833 ppm Zinc ppm 1129 Phosphorus ppm 963 Barium 0 ppm Boron ppm 4



#### Jas Marine Service Inc

3131 SW 2Nd Ave. FORT LAUDERDALE, FL US 33315 Contact: JASON TOLEDO jason@jasmarine.com T: (954)462-1112 F:

#### Diagnosis

We advise that you check the fuel injection system. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

Contact/Location: JASON TOLEDO - VP426065

VP426065

10951187

Don Baldridge

02 Apr 2024

Depot:

Signed:

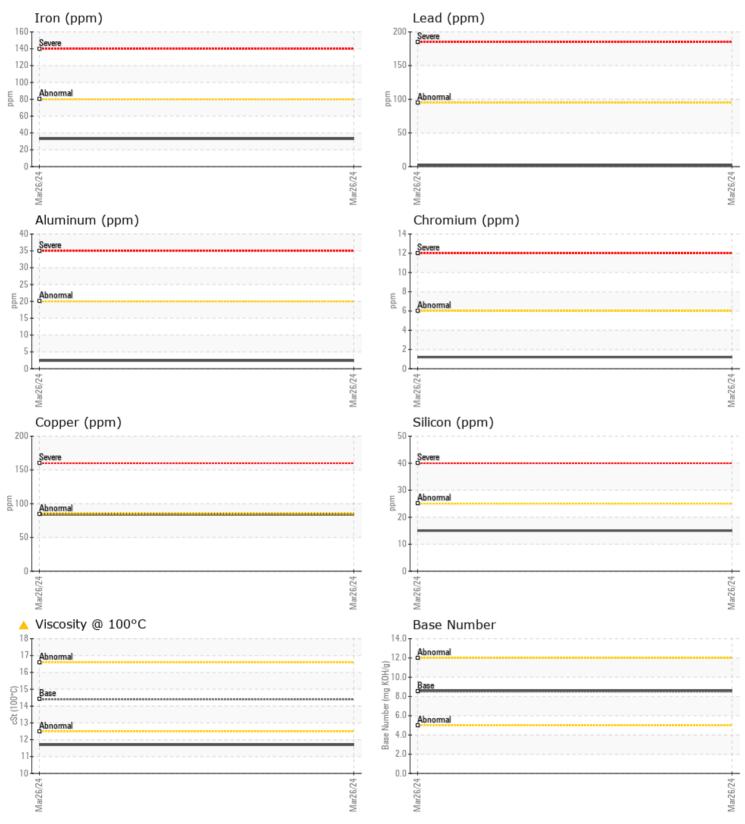
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#### GRAPHS



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