## **OIL ANALYSIS REPORT**

#### FULFORD/MARR FULFORD/MARR VOLVO PENTA 7011487606 - STARBOARD DIESEL ENGINE

VPA002817 Sample No:

**Oil Type:** VOLVO PENTA SAE 15W40

#### SAMPLE INFORMATION VPA002817 Sample Number Sample Date 18 Apr 2024 Machine Hours 529 **Oil Hours** 40 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C 12.4 cSt Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 65 CONTAMINATION % NEG Water % Soot % 1.1 Nitration (PA) % 71 % Sulfation (PA) 62 Glycol % NEG Fuel % <1.0 Silicon 16 ppm Sodium 2 ppm Potassium 3 ppm WEAR METALS Iron 43 ppm 67 Copper ppm Lead ppm 3 Tin 2 ppm Aluminum ppm 2 Chromium 2 ppm Molybdenum 62 ppm Nickel 2 ppm Titanium ppm **||** <1 Silver ■ <1 ppm Manganese ppm **||** <1 Vanadium ppm <1 **ADDITIVES** 1095 Calcium ppm Magnesium 992 ppm Zinc ppm 1308 Phosphorus ppm 1125 Barium 0 🔲 ppm Boron ppm 0

Depot: VP152567 Unique No: 10989450 Signed: Jonathan Hester **Report Date:** 23 Apr 2024

Contact/Location: SAM SHERRILL - VP152567

3469 SW Palm City School Ave #A PALM CITY, FL US 34990 Contact: SAM SHERRILL sam@garywoodsmarine.com T: (772)287-6093 F: (772)287-7134

Gary Wood's Marine Inc

## Diagnosis

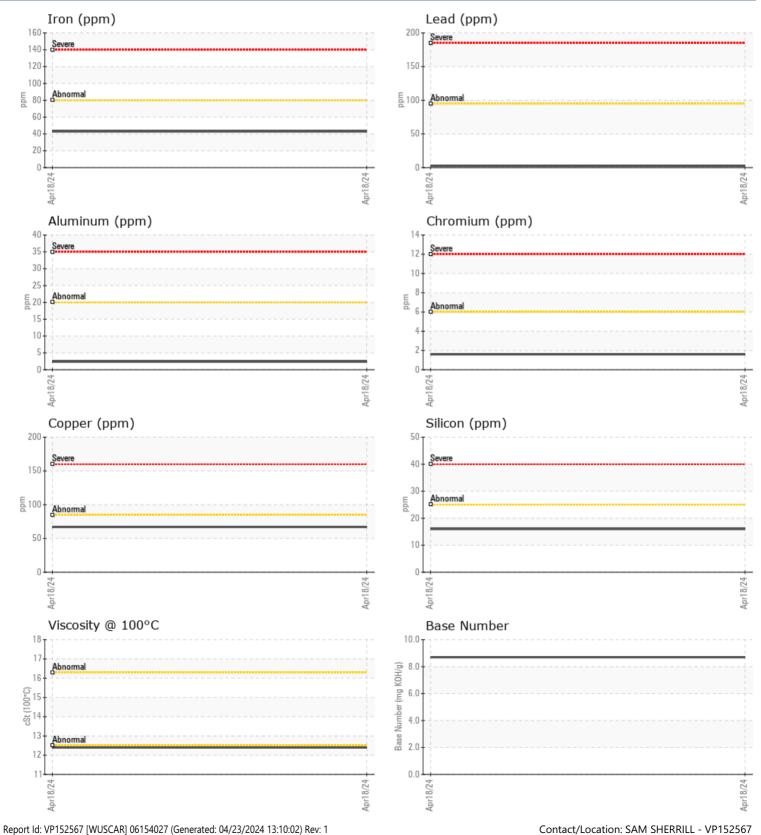
Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



# **OIL ANALYSIS REPORT**



### GRAPHS



Dage 2 of 2