## **OIL ANALYSIS REPORT**

### KURT SCHILL VOLVO PENTA A472917 - STARBOARD DIESEL ENGINE

Sample No: VPA036354

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

#### SAMPLE INFORMATION VPA036354 Sample Number Sample Date 24 Jun 2024 Machine Hours 570 **Oil Hours** 50 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Τ· F: Visc @ 100°C cSt 13.2 Base Number (BN) mg KOH/g 9.8 Oxidation (PA) % 56 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 43 % Sulfation (PA) 51 Glycol % NEG Fuel % <1.0 Silicon 5 ppm Sodium 2 ppm Potassium 2 ppm WEAR METALS Iron 3 ppm 1 Copper ppm Lead 0 🔲 ppm Tin 0 ppm Aluminum ppm 2 Chromium <1 ppm 65 Molybdenum ppm Nickel 0 🔲 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1240 ppm Magnesium **1040** ppm Zinc ppm 1419 Phosphorus ppm 1102 Barium 0 🔲 ppm Boron ppm 11 Depot:



Michigan Yachtcrafters Inc 31785 S. River Road HARRISON TOWNSHIP, MI US 48045 Contact: Garrett Cassidy michiganyachtservice@gmail.com T:

#### Diagnosis

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 suitable for further service.

 Depot:
 VP151756

 Unique No:
 11098943

 Signed:
 Jonathan Hester

 Report Date:
 27 Jun 2024

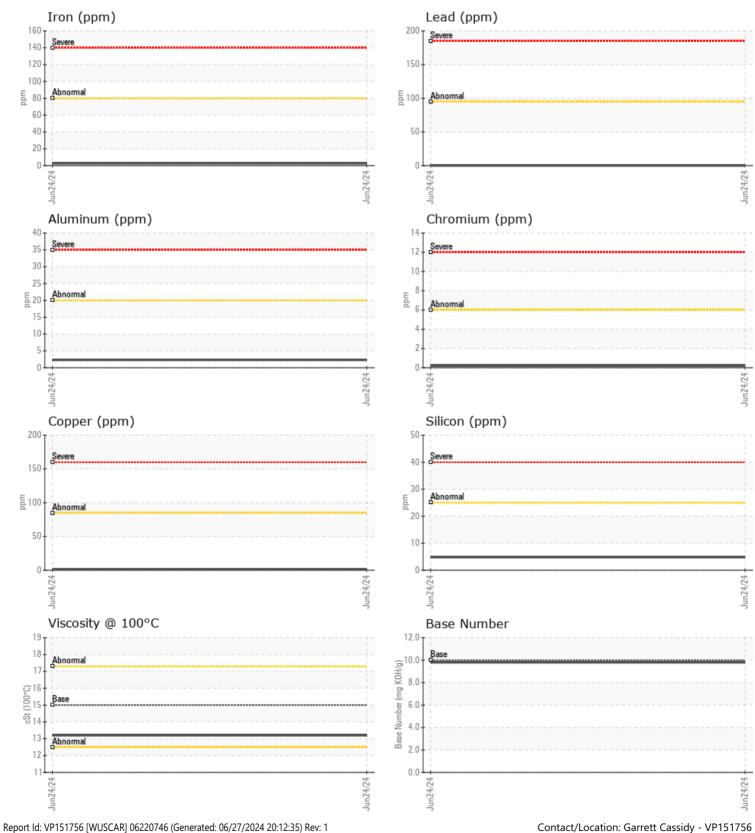
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Contact/Location: Garrett Cassidy - VP151756

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#### GRAPHS



/Location: Garrett Cassidy - VP151/56