## **OIL ANALYSIS REPORT**

### ROBERT MERCIL VOLVO PENTA 329317 - DIESEL ENGINE

Sample No: VPA046952

**Oil Type: DIESEL ENGINE OIL SAE 40** 

#### SAMPLE INFORMATION VPA046952 Sample Number **Power House Marina** Sample Date 13 May 2024 13255 Biscayne Blvd Machine Hours 0 NORTH MIAMI, FL 0 **Oil Hours** US 33181 Oil Changed N/A Contact: David Marcus ATTENTION Sample Status sales@Powerhousemarina.com T: x: **OIL CONDITION** F: x: Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 8.9 Diagnosis Oxidation (PA) % 61 No corrective action is recommended CONTAMINATION at this time. Resample at the next service interval to monitor. The nickel % NEG Water level is abnormal. There is no % Soot % 0.3 indication of any contamination in Nitration (PA) % 63 the oil. The BN result indicates that there is suitable alkalinity remaining % Sulfation (PA) 53 in the oil. The condition of the oil is Glycol % NEG acceptable for the time in service. Fuel % <1.0 Silicon 9 ppm Sodium 6 🔲 ppm Potassium 4 ppm WEAR METALS Iron 27 ppm 12 Copper ppm Lead ppm 4 Tin 3 ppm Aluminum ppm 6 Chromium ppm 3 Molybdenum 60 ppm Nickel 4 ppm Titanium ppm 2 Silver 3 ppm Manganese 3 ppm Vanadium 2 ppm **ADDITIVES** Calcium 1005 ppm Magnesium 899 ppm Zinc ppm 1132 Phosphorus ppm 956 Barium 1 ppm Boron ppm 2 Signed:





Depot: VP154668 Unique No: 11033680

Don Baldridge **Report Date:** 20 May 2024

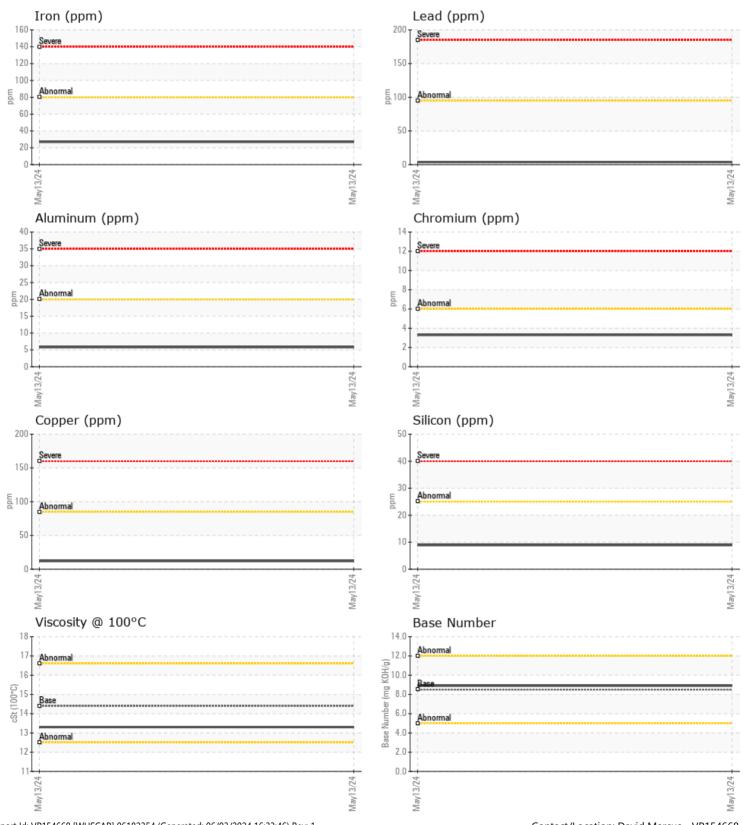
Contact/Location: David Marcus - VP154668



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### GRAPHS



Report Id: VP154668 [WUSCAR] 06182354 (Generated: 06/03/2024 16:33:46) Rev: 1

Contact/Location: David Marcus - VP154668