## **OIL ANALYSIS REPORT**

## GRANT MCGHEE CUMMINS 46840127 - PORT DIESEL ENGINE

Sample No: VPA045599

**Oil Type:** SHELL ROTELLA T 15W40

#### SAMPLE INFORMATION VPA045599 Sample Number **Aqua Yacht Harbor Marina** Sample Date 26 Mar 2024 3832 Hwy. 25 North, 3832 Hwy. 25 North Machine Hours 0 IUKA, MS 0 **Oil Hours** US 38852 Oil Changed N/A Contact: DENNIS KANIZAI NORMAL Sample Status dkanizai@shmarinas.com T: **OIL CONDITION** F: Visc @ 100°C cSt 14.2 Base Number (BN) mg KOH/g 8.3 Diagnosis Oxidation (PA) % 67 Resample at the next service interval CONTAMINATION to monitor.All component wear rates are normal. There is no indication of % Water NEG any contamination in the oil. The BN % Soot % 0.1 result indicates that there is suitable Nitration (PA) % 48 alkalinity remaining in the oil. The condition of the oil is acceptable for % Sulfation (PA) 56 the time in service. Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 0 🔲 ppm Potassium 9 ppm WEAR METALS Iron 9 ppm 5 Copper ppm Lead ■ <1 ppm Tin 1 ppm Aluminum ppm 1 Chromium <1 ppm Molybdenum ppm 3 Nickel 1 ppm Titanium ppm **||** <1 Silver ■ <1 ppm Manganese ppm <1 Vanadium ppm <1 **ADDITIVES** Calcium 2163 ppm Magnesium 12 ppm Zinc ppm 1130 Phosphorus ppm 1041 Barium 0 🔲 ppm 218 Boron ppm Depot:

Contact/Location: DENNIS KANIZAI - VP299833

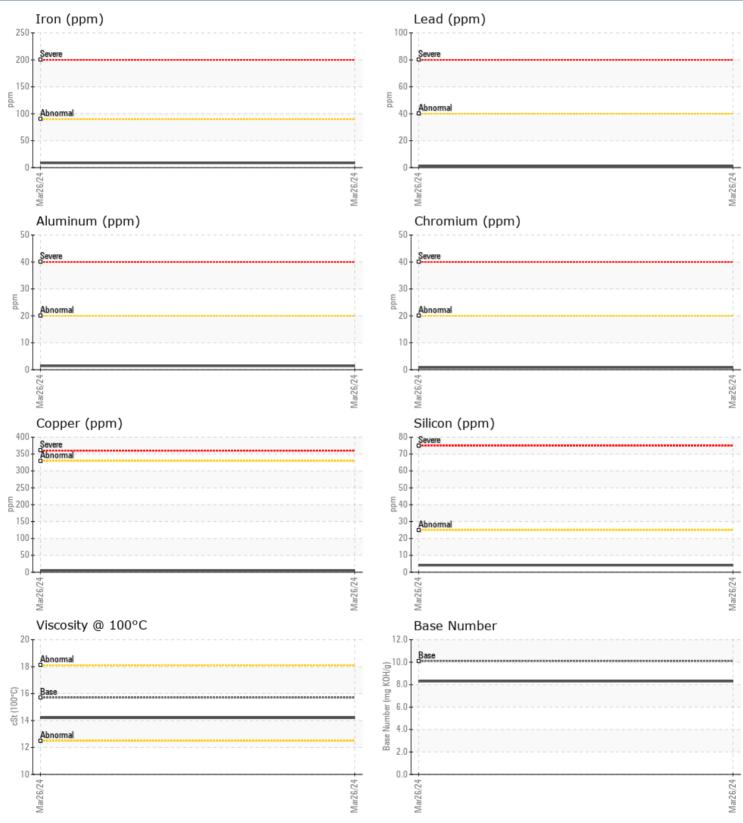
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### GRAPHS



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