OIL ANALYSIS REPORT

OUICK DRAW YANMAR YANMAR - STARBOARD DIESEL ENGINE

Sample No: VPA053359

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA053359 Sample Number Sample Date 10 Jul 2024 Machine Hours 0 0 **Oil Hours** Oil Changed Changed NORMAL Sample Status T: **OIL CONDITION** F: Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 9.8 Oxidation (PA) % 77 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 48 % Sulfation (PA) 58 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium 2 ppm Potassium 0 🔲 ppm WEAR METALS Iron 3 ppm 0 Copper ppm Lead 0 🔲 ppm Tin 0 ppm Aluminum 1 ppm Chromium ppm 0 Molybdenum 36 ppm Nickel ■ <1</p> ppm Titanium ppm 0 🔲 0 Silver ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1662 ppm Magnesium 551 ppm Zinc ppm 1043 Phosphorus ppm 861 Barium 0 ppm Boron ppm 55 Depot: Unique No: Signed:

11116379

Sean Felton

12 Jul 2024

Edward's Marine and Sons 12741 Sunset Ave OCEAN CITY, MD US 21842 Contact: Edward Bartholme edwardsmarine@comcast net:canastasio@wearcheckusa.com

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 acceptable for the time in service.



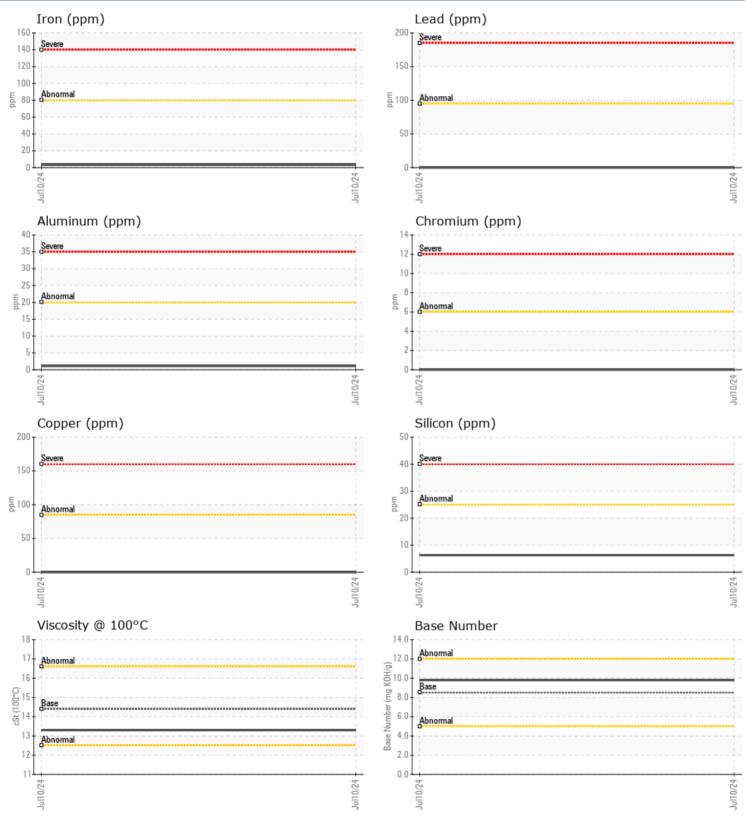
Contact/Location: Edward Bartholme - VP551029

Report Date:

OIL ANALYSIS REPORT



GRAPHS



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