## **OIL ANALYSIS REPORT**

### BLUE BIRD 73729977 - STARBOARD DIESEL ENGINE

Sample No: VPA059859

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

#### SAMPLE INFORMATION VPA059859 Sample Number The Talaria Company 27 Nov 2023 Sample Date 202 Banks St., One Little Harbor Landing Machine Hours 983 OXFORD, MD **Oil Hours** 131 US 21654 Oil Changed Changed Contact: TRACY PELLERIN Sample Status NORMAL tpellerin@hinckleyyachts.com T: (410)770-4899 **OIL CONDITION** F: x: Visc @ 100°C cSt 14.9 Base Number (BN) mg KOH/g 7.7 Oxidation (PA) % 84 CONTAMINATION Water % NEG % Soot % 0.8 Nitration (PA) % 88 Sulfation (PA) % 65 Glycol % NEG Fuel % <1.0 Silicon 11 ppm Sodium 6 🔲 ppm Potassium 1 ppm WEAR METALS 41 Iron ppm 62 Copper ppm Lead ppm **||** < 1 Tin 0 ppm Aluminum ppm 13 Chromium 2 ppm 37 Molybdenum ppm Nickel 0 🔲 ppm Titanium ppm 0 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1963 ppm Magnesium ppm 433 Zinc ppm 1456 Phosphorus ppm 1125 Barium 0 🔲 ppm Boron ppm 31 Depot:

Unique No: 10767883 Signed: Sean Felton **Report Date:** 05 Dec 2023

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. 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.

Contact/Location: TRACY PELLERIN - VP592286

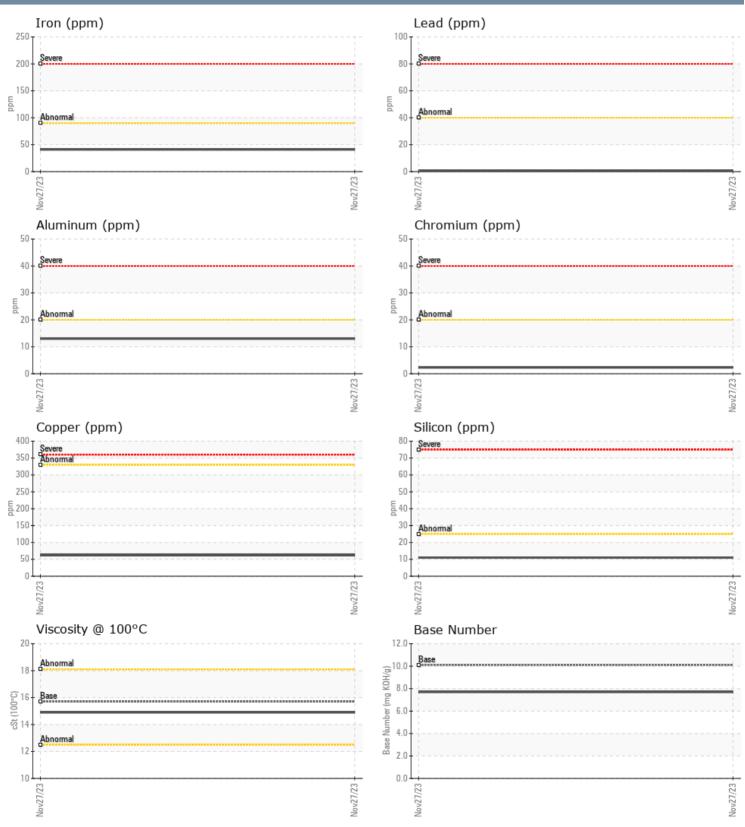
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# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP592286 [WUSCAR] 06023383 (Generated: 12/05/2023 14:48:10) Rev: 1

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