## **OIL ANALYSIS REPORT**

### GEMINI 2B599432 - STARBOARD GASOLINE ENGINE

Sample No: VPA047817

Oil Type: MERCURY 10W40

#### SAMPLE INFORMATION VPA047817 Sample Number 18 Dec 2023 Sample Date Machine Hours 0 **Oil Hours** 120 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** Visc @ 100°C 8.2 cSt Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 14 CONTAMINATION Water % NEG % Soot % 0.1 Nitration (PA) % 9 Sulfation (PA) % 11 Glycol % NEG Fuel % 9.0 Silicon 11 ppm Sodium 3 ppm Potassium 5 ppm WEAR METALS Iron 4 ppm 2 Copper ppm Lead ppm 0 Tin ■<1 ppm Aluminum ppm 2 Chromium 0 ppm Molybdenum 41 ppm Nickel ■ <1</p> ppm Titanium ppm 0 0 Silver ppm Manganese <1 ppm Vanadium 0 ppm **ADDITIVES** 1850 Calcium ppm Magnesium ppm 13 Zinc ppm 757 668 Phosphorus ppm 0 Barium ppm Boron ppm 169



The Talaria Company

202 Banks St., One Little Harbor Landing OXFORD, MD US 21654 Contact: TRACY PELLERIN tpellerin@hinckleyyachts.com T: (410)770-4899 F: x:

#### Diagnosis

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP592286

 Unique No:
 10794172

 Signed:
 Angela Borella

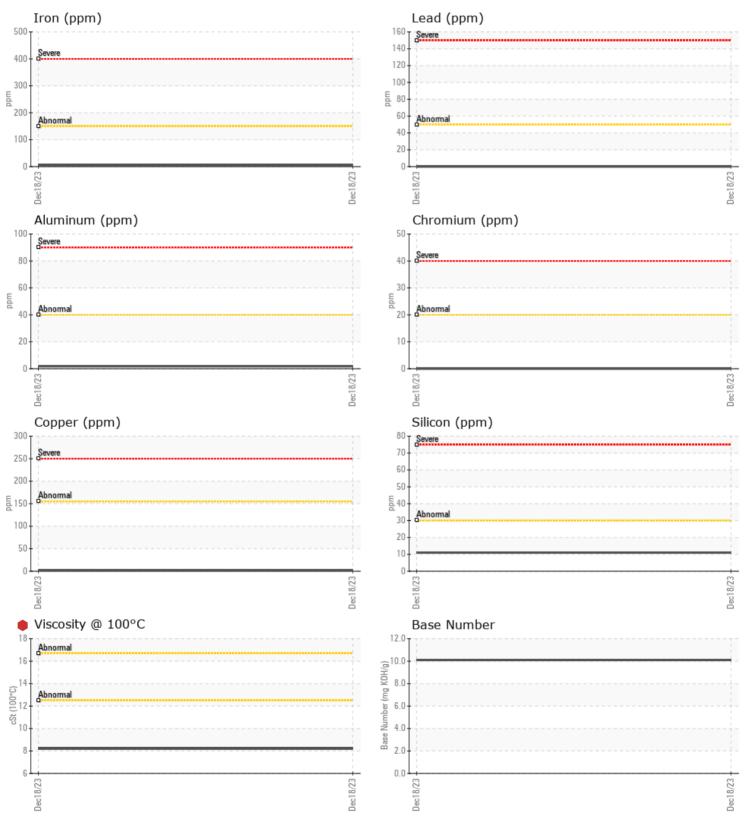
 Report Date:
 22 Dec 2023

Contact/Location: TRACY PELLERIN - VP592286

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP592286 [WUSCAR] 06038943 (Generated: 12/22/2023 15:57:00) Rev: 1

Contact/Location: TRACY PELLERIN - VP592286