## **OIL ANALYSIS REPORT**

#### BARB JRM M140139732 - CENTER DIESEL ENGINE

Sample No: VPA047824

**Oil Type:** SHELL 15W40

#### SAMPLE INFORMATION VPA047824 Sample Number The Talaria Company Sample Date 15 Nov 2023 202 Banks St., One Little Harbor Landing Machine Hours 760 OXFORD, MD **Oil Hours** 760 US 21654 Oil Changed Changed Contact: TRACY PELLERIN NORMAL Sample Status tpellerin@hinckleyyachts.com T: (410)770-4899 **OIL CONDITION** F: x: Visc @ 100°C 14.3 cSt Base Number (BN) mg KOH/g 8.4 Diagnosis Oxidation (PA) % 68 CONTAMINATION Water % NEG % Soot % 0.1 Nitration (PA) % 48 Sulfation (PA) % 56 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium **||** <1 ppm Potassium 5 ppm WEAR METALS Iron 13 ppm **4** Copper ppm Lead ppm 0 Tin 0 ppm Aluminum ppm 2 Chromium 0 ppm Molybdenum ppm 2 Nickel 0 ppm Titanium ppm 0 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 2140 ppm 38 Magnesium ppm Zinc ppm 1310 Phosphorus ppm 1050 Barium 0 🔲 ppm Boron ppm 193

Depot: VP592286 Unique No: 10767908 Signed: Sean Felton **Report Date:** 05 Dec 2023



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

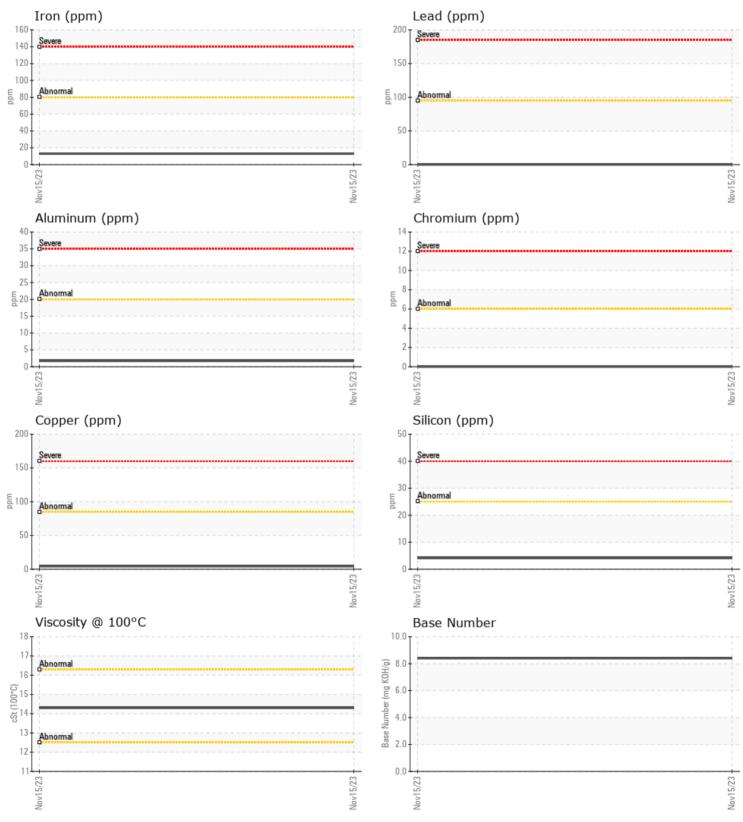
there is suitable alkalinity remaining in the oil. The condition of the oil is

suitable for further service.

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### GRAPHS



Report Id: VP592286 [WUSCAR] 06023408 (Generated: 12/05/2023 15:05:44) Rev: 1

Contact/Location: TRACY PELLERIN - VP592286