OIL ANALYSIS REPORT

PRECIOUS TIME 10072 A1139427 - PORT DIESEL ENGINE

Sample No: VPA060666

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION VPA060666 VPA046278 Sample Number Sample Date 14 Dec 2023 30 Dec 2022 Machine Hours 144 79 50 **Oil Hours** 65 Oil Changed N/A Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C 13.7 13.0 cSt Base Number (BN) mg KOH/g 9.9 10.5 Oxidation (PA) % 61 57 CONTAMINATION Water % NEG NEG % Soot % 0.1 0.1 Nitration (PA) % 49 43 Sulfation (PA) % 53 53 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 10 25 ppm Sodium 2 4 ppm Potassium 2 ppm <1 WEAR METALS Iron 6 10 ppm **4** 11 Copper ppm Lead 4 ppm **||** < 1 Tin 2 ppm ■ <1 Aluminum 10 ppm 6 Chromium <1 1 ppm 45 Molybdenum 58 ppm Nickel 2 <1 ppm Titanium ppm 0 🔲 0 Silver 0 0 ppm Manganese < 1 **||** < 1 ppm Vanadium 0 ppm 0 **ADDITIVES** 1164 Calcium 1485 ppm 541 850 Magnesium ppm Zinc ppm 1217 1180 Phosphorus ppm 1048 1017 Barium **<**1 < 1 ppm Boron ppm 52 15

 Unique No:
 10794166

 Signed:
 Sean Felton

 Report Date:
 20 Dec 2023

Contact/Location: TRACY PELLERIN - VP592286

VP592286

Depot:

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

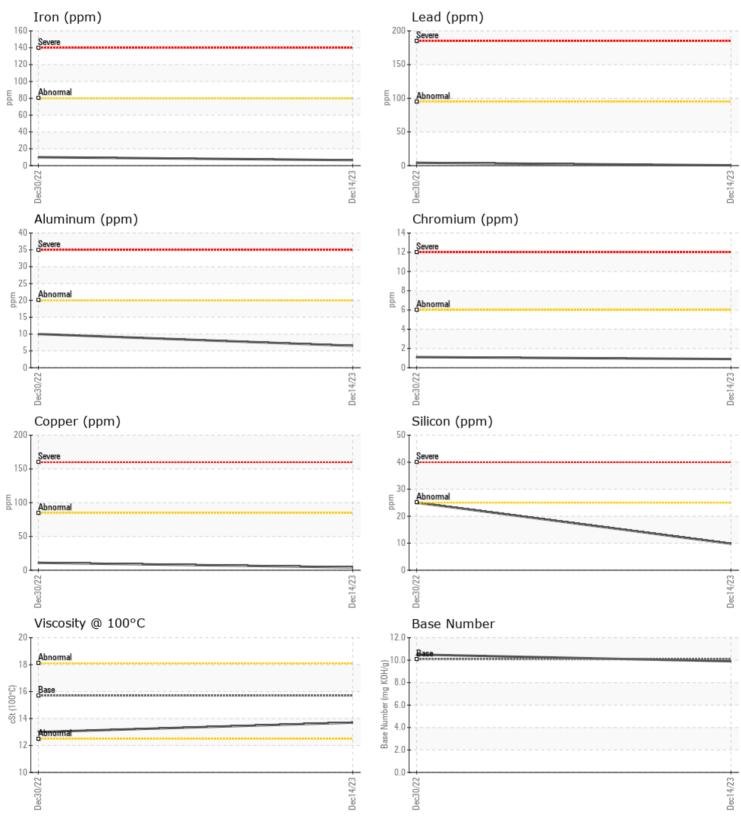
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



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GRAPHS



Report Id: VP592286 [WUSCAR] 06038937 (Generated: 12/20/2023 17:01:01) Rev: 1

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