OIL ANALYSIS REPORT

RISA 3969 M52322 - CENTER DIESEL ENGINE

Sample No: VPA058927

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION VPA058927 VPA028793 Sample Number Sample Date 15 Dec 2023 15 Nov 2021 Machine Hours 574 532 **Oil Hours** 22 0 Oil Changed Not Changd Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C 14.0 cSt 13.9 Base Number (BN) mg KOH/g 8.8 Oxidation (PA) % 66 70 CONTAMINATION Water % NEG NFG % Soot % 0.1 0.1 Nitration (PA) % 50 53 59 Sulfation (PA) % 55 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 3 3 ppm Sodium 0 🔲 5 ppm Potassium 6 🔲 8 ppm WEAR METALS Iron 3 6 ppm 3 7 Copper ppm Lead ppm **||** < 1 < 1 Tin < 1 ppm ■ <1 Aluminum 1 ppm 1 Chromium <1 < 1 ppm Molybdenum <1 ppm 1 Nickel ■ <1</p> <1 ppm Titanium ppm 0 🔲 < 1 Silver 0 <1 ppm Manganese <1 < 1 ppm Vanadium 0 ppm 0 **ADDITIVES** 2203 Calcium 2154 ppm Magnesium ppm 27 11 Zinc ppm 1209 1098 Phosphorus ppm 1023 1006 Barium 0 0 ppm Boron ppm 179 199

 Depot:
 VP592286

 Unique No:
 10830423

 Signed:
 Don Baldridge

 Report Date:
 15 Jan 2024

Contact/Location: TRACY PELLERIN - VP592286

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

The Talaria Company

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.

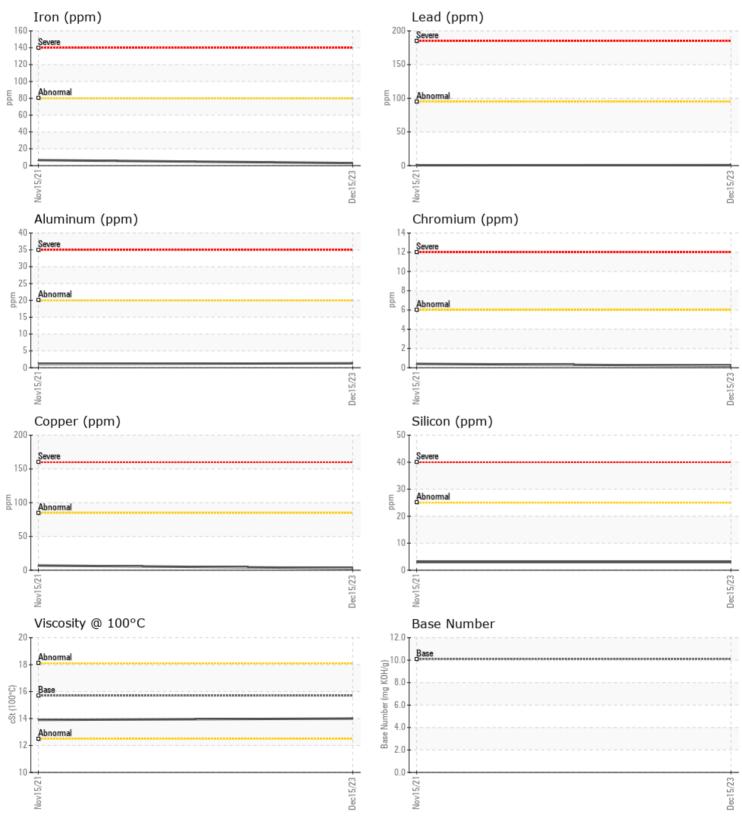




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GRAPHS



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Contact/Location: TRACY PELLERIN - VP592286