OIL ANALYSIS REPORT

CLAYTON MARINA - FORGER VOLVO PENTA 7011329865 - STARBOARD DIESEL ENGINE

Sample No: VPA045307

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA045307 Sample Number 20 Feb 2024 Sample Date Machine Hours 0 0 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.1 Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 64 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 40 % Sulfation (PA) 54 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 2 ppm Potassium 3 ppm WEAR METALS Iron 0 ppm 2 Copper ppm Lead ppm 1 Tin 0 ppm Aluminum 1 ppm Chromium 0 ppm Molybdenum ppm 47 0 Nickel ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1754 ppm Magnesium 676 ppm Zinc ppm 1146 1005 Phosphorus ppm Barium 0 🔲 ppm Boron ppm 31

 Depot:
 VP630707

 Unique No:
 10898867

 Signed:
 Sean Felton

 Report Date:
 28 Feb 2024

C.A.P. Marina, Inc. 22 Sisson St., 22 Sisson St.

22 Sisson St., 22 Sisson S ALEXANDRIA BAY, NY US 13607 Contact: CAROL WARD cward@tiyachtspa.com T:

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.

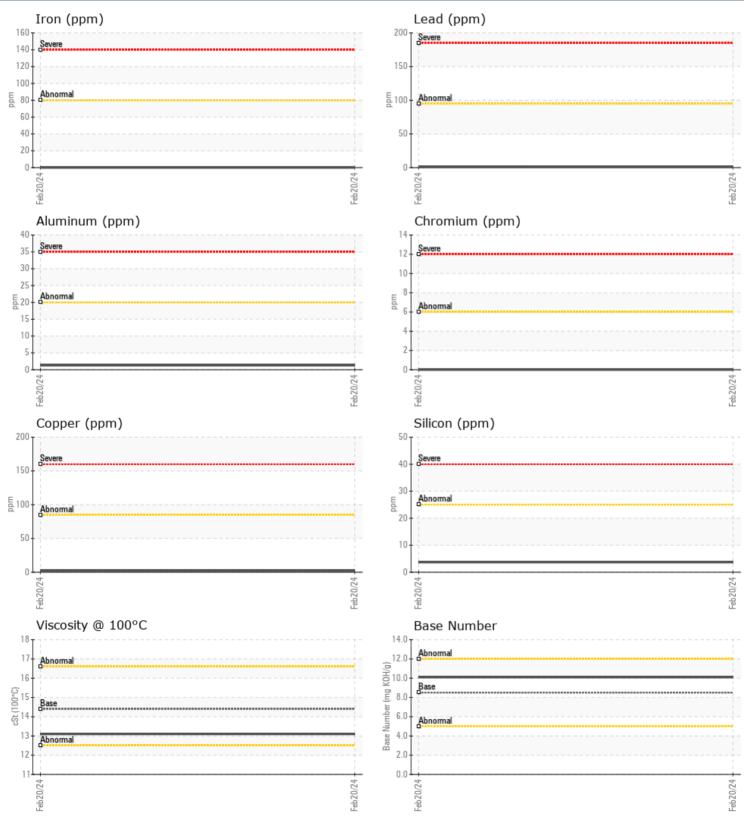
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GRAPHS



Report Id: VP630707 [WUSCAR] 06100637 (Generated: 02/28/2024 15:14:51) Rev: 1

Contact/Location: CAROL WARD - VP630707