OIL ANALYSIS REPORT

TONY OLSON 505733 VOLVO PENTA 7008453386 - STARBOARD DIESEL ENGINE

Sample No: VPA062115

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA062115 Sample Number Jefferson Beach Yacht Sales Inc Sample Date 20 Mar 2024 Machine Hours 1158 **Oil Hours** 175 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.8 Base Number (BN) mg KOH/g 9.6 Oxidation (PA) % 57 CONTAMINATION % Water NEG % Soot % 0.8 Nitration (PA) % 55 % Sulfation (PA) 57 Glycol % NEG Fuel % <1.0 Silicon 14 ppm Sodium 2 ppm Potassium 0 ppm WEAR METALS Iron 15 ppm 55 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum ppm 1 Chromium <1 ppm Molybdenum ppm 63 Nickel ■ <1</p> ppm Titanium ppm 0 🔲 Silver 3 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1169 ppm Magnesium 1067 ppm Zinc ppm 1296 Phosphorus ppm 1086 Barium 0 ppm Boron ppm ■ <1 Depot: Unique No: Signed:

VP297371

10943353

Don Baldridge

28 Mar 2024

Report Date:

24400 Jefferson Ave.

SAINT CLAIR SHORES, MI US 48080 Contact: CORT CORINO ccorino@jbys.com T: (773)641-6947

Diagnosis

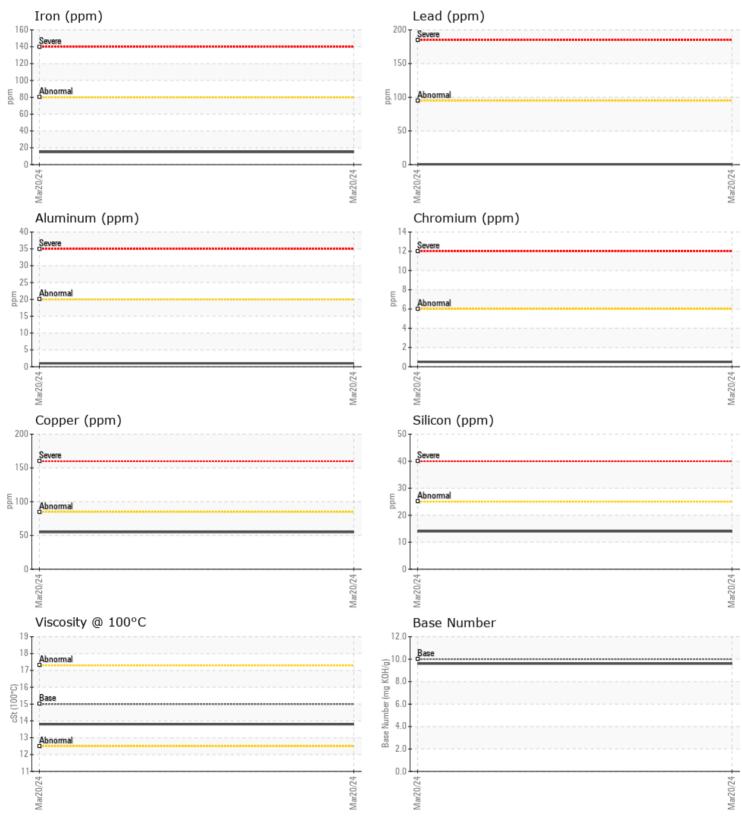
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP297371 [WUSCAR] 06129202 (Generated: 03/28/2024 16:04:38) Rev: 1

Contact/Location: CORT CORINO - VP297371