OIL ANALYSIS REPORT

WALLENBERG SURVEY VOLVO PENTA 7011390808 - STARBOARD DIESEL ENGINE

Sample No: VPA044342

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA044342 Sample Number 12 Feb 2024 Sample Date Machine Hours 954 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) % 53 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 39 % Sulfation (PA) 50 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 0 🔲 ppm Potassium **||** <1 ppm WEAR METALS Iron 6 ppm 7 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum ppm 2 Chromium <1 ppm 61 Molybdenum ppm Nickel ■ <1 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1027 ppm Magnesium 952 ppm Zinc ppm 1278 Phosphorus ppm 961 Barium 0 ppm Boron ppm ■ <1

 Depot:
 VP945077

 Unique No:
 10876677

 Signed:
 Sean Felton

Contact/Location: MARK WARREN - VP945077

Report Date: 16 Feb 2024



Suncoast Diesel Marine Inc. 610 Mount Vernan St OLDSMAR, FL US 34677 Contact: MARK WARREN oldsmar@suncoastdmi.com T: (813)475-5942 F: (813)475-5943

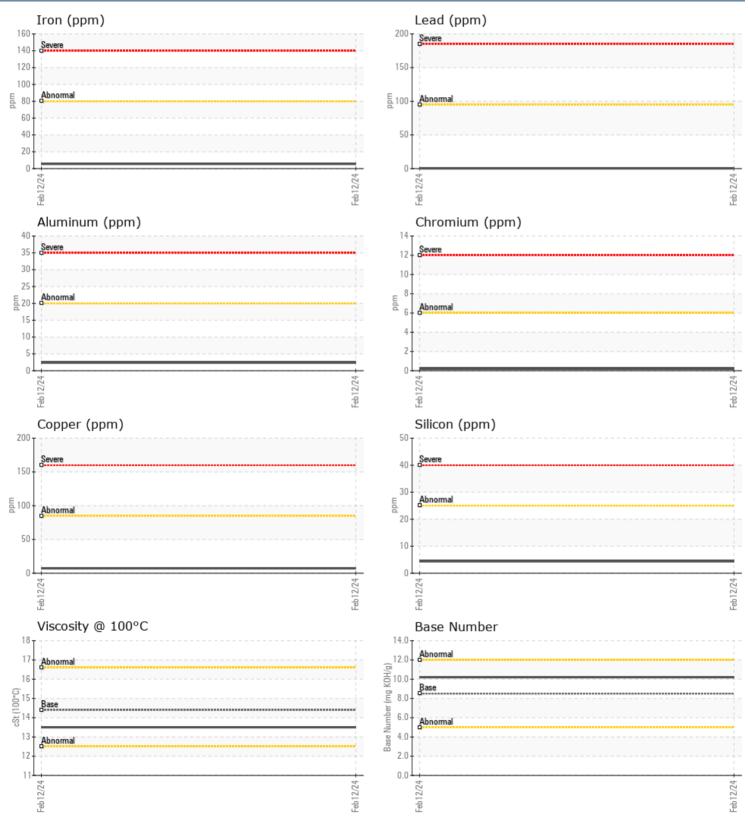
Diagnosis

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.

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP945077 [WUSCAR] 06089232 (Generated: 02/16/2024 17:15:32) Rev: 1

Contact/Location: MARK WARREN - VP945077