## **OIL ANALYSIS REPORT**

### VOLVO PENTA 7011455921 - STARBOARD DIESEL ENGINE

Sample No: VPA036562

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA036562 20 Feb 2024 Sample Date Machine Hours 342 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.11 Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 55 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 38 % Sulfation (PA) 50 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 0 🔲 ppm Potassium 2 ppm WEAR METALS **||** <1 Iron ppm **||** <1 Copper ppm Lead ppm 0 Tin ppm ■ <1 Aluminum 1 ppm Chromium 0 ppm Molybdenum 52 ppm Nickel ■ <1 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 959 ppm Magnesium 870 ppm Zinc ppm 1200 Phosphorus ppm 1015 Barium 0 🔲 ppm Boron ppm 6 Depot:

 Depot:
 VP705283

 Unique No:
 10888837

 Signed:
 Doug Bogart

Signed:Doug BogarReport Date:21 Feb 2024



SUNCOAST DIESEL MARINE 6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com

T: (941)342-0033

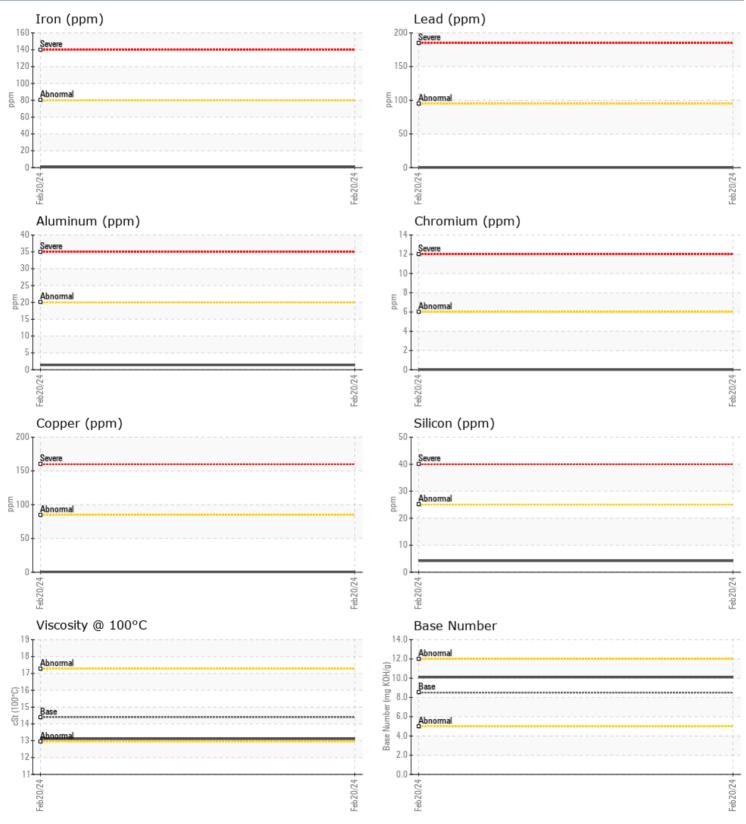
#### Diagnosis

No corrective action is recommended at this time. 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: VP705283 [WUSCAR] 06095984 (Generated: 02/21/2024 15:14:49) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283