## **OIL ANALYSIS REPORT**

### VOLVO PENTA A 1 1 1 3047 - STARBOARD DIESEL ENGINE

Sample No: VPA036565

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA036565 22 Feb 2024 Sample Date Machine Hours 357 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.46 Oxidation (PA) % 55 CONTAMINATION Water % NEG % Soot % 0.3 Nitration (PA) % 46 Sulfation (PA) % 52 Glycol % NEG % Fuel <1.0 Silicon ppm 5 Sodium ppm 1 Potassium ■ <1 ppm WEAR METALS 30 Iron ppm **4** Copper ppm Lead ppm 2 Tin ■ <1 ppm Aluminum 16 ppm Chromium 2 ppm Molybdenum 56 ppm Nickel 2 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 997 ppm Magnesium 951 ppm 1281 Zinc ppm Phosphorus ppm 1057 Barium ppm 0 Boron ppm 3

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033 E.

#### 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 fluid. The condition of the fluid is acceptable for the time in service.

 Depot:
 VP705283

 Unique No:
 10897084

 Signed:
 Doug Bogart

 Report Date:
 23 Feb 2024

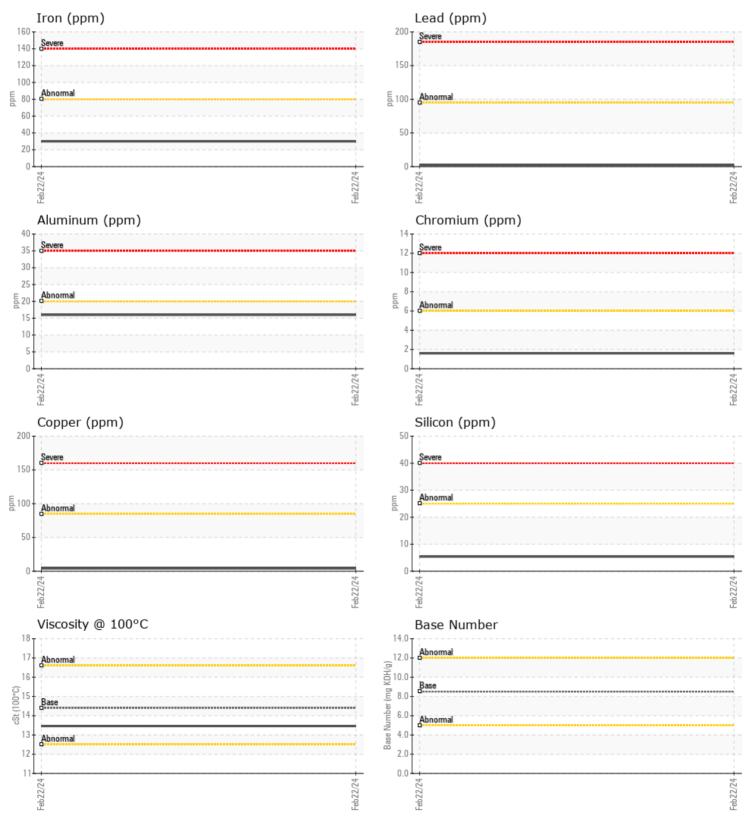
Contact/Location: SERVICE MANAGER - VP705283



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP705283 [WUSCAR] 06098854 (Generated: 02/23/2024 16:31:27) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283