## **OIL ANALYSIS REPORT**

## MIKE HAHN VOLVO PENTA A642052 - PORT DIESEL ENGINE

Sample No: VPA050963

**Oil Type: DIESEL ENGINE OIL SAE 40** 

#### SAMPLE INFORMATION Sample Number VPA050963 Sample Date 19 Oct 2023 Machine Hours 0 0 **Oil Hours** US Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.2 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 64 CONTAMINATION Soot % % 0.4 % Nitration (PA) 54 Sulfation (PA) % 55 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium 0 🔲 ppm Potassium ppm 8 🔲 WEAR METALS 13 Iron ppm 3 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum 2 ppm Chromium **||** < 1 ppm Molybdenum 10 ppm Nickel 1 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese 0 🔲 ppm Vanadium 0 ppm **ADDITIVES** Calcium 2052 ppm Magnesium 154 ppm Zinc ppm 1223 Phosphorus ppm 944 Barium ppm 9 **171** Boron ppm Depot:



#### **MELBOURNE MARINE DIESEL**

MELBOURNE, FL

Contact: SERVICE MANAGER info@melbournemarinediesel.com T: (321)425-2517

### 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.

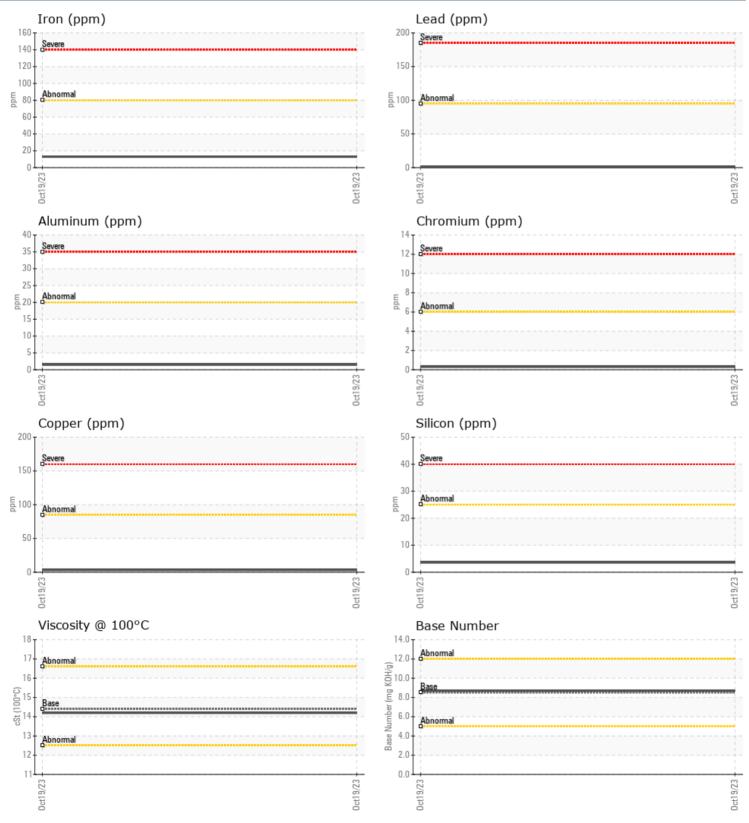
VP1222400 Unique No: 10711179 Signed: Jonathan Hester **Report Date:** 26 Oct 2023

Contact/Location: SERVICE MANAGER - VP1222400

# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP1222400 [WUSCAR] 05988517 (Generated: 10/29/2023 19:34:11) Rev: 1

Contact/Location: SERVICE MANAGER - VP1222400