## **OIL ANALYSIS REPORT**

### VOLVO PENTA 2013428084 - STARBOARD DIESEL ENGINE

Sample No: VPA060949

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA060949 Sample Number Sample Date 19 Jan 2024 Machine Hours 1067 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.8 Base Number (BN) mg KOH/g 9.3 Oxidation (PA) % 51 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 47 % Sulfation (PA) 48 Glycol % NEG Fuel % <1.0 Silicon 3 ppm Sodium 1 ppm Potassium 1 ppm WEAR METALS Iron 2 ppm **||** <1 Copper ppm Lead 0 🔲 ppm Tin ppm ■ <1 Aluminum **||** < 1 ppm Chromium 0 ppm 58 Molybdenum ppm Nickel 0 🔲 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1347 ppm Magnesium 805 ppm Zinc ppm 1249 Phosphorus ppm 1055 Barium 0 🔲 ppm Boron ppm 21

 Unique No:
 10861594

 Signed:
 Sean Felton

 Report Date:
 06 Feb 2024

Depot:

ONE WATER YACHT

3201 W STATE RD 84 FR LAUDERDALE, FL US 33312 Contact: ANTHONY VIGLIOTTI avigliotti@owyg.com T: (954)292-4857 F:

#### 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.



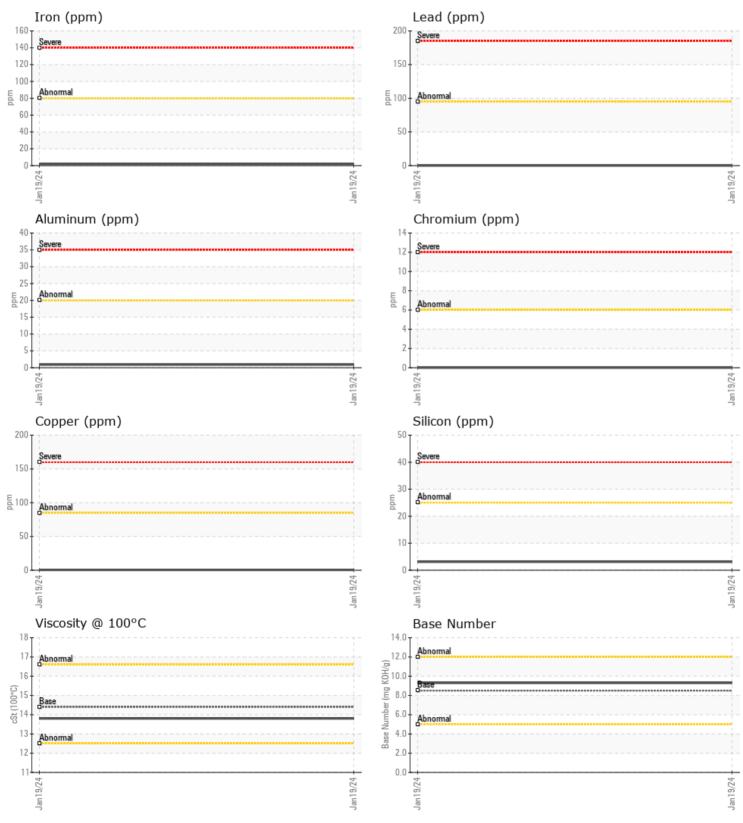
Contact/Location: ANTHONY VIGLIOTTI - VP1134827

VP1134827

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#### GRAPHS



Report Id: VP1134827 [WUSCAR] 06079503 (Generated: 02/07/2024 20:34:38) Rev: 1

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