## **OIL ANALYSIS REPORT**

### SKA MOTORS VOLVO PENTA A664520 - PORT DIESEL ENGINE

Sample No: VPA058101

Oil Type: VOLVO PENTA SAE 15W40

#### SAMPLE INFORMATION VPA058101 Sample Number Sample Date 27 Mar 2024 Machine Hours 0 0 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.6 Base Number (BN) mg KOH/g 9.3 Oxidation (PA) % 62 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 61 % Sulfation (PA) 53 Glycol % NEG % Fuel <1.0 Silicon 2 ppm Sodium ppm 1 Potassium **||** <1 ppm WEAR METALS 10 Iron ppm 6 Copper ppm Lead ppm 2 Tin ■ <1 ppm Aluminum ppm 2 Chromium ppm 0 Molybdenum 57 ppm Nickel 2 ppm Titanium ppm 0 🔲 Silver ppm 0 Manganese ■ <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 990 ppm Magnesium 906 ppm Zinc ppm 1233 1060 Phosphorus ppm Barium 0 ppm Boron ppm 4

VOLVO PENTA

**BAY MARINE** 3 E MADISON ST

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: BRENDAN COWHEY brendan@baymarine.net T: (847)336-2628 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 suitable for further service.

 Depot:
 VP1174336

 Unique No:
 10964403

 Signed:
 Don Baldridge

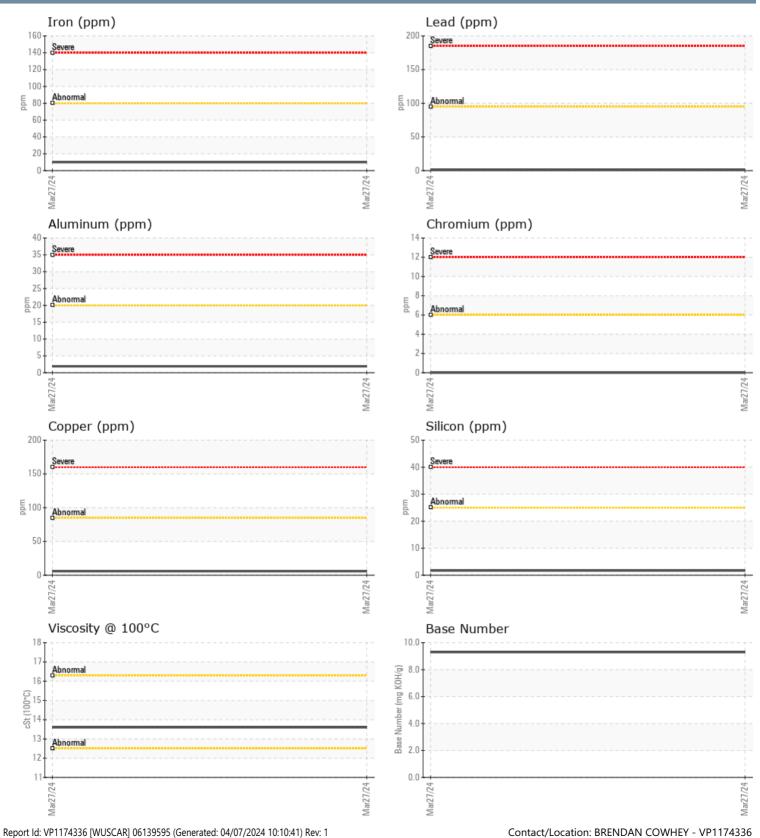
 Report Date:
 07 Apr 2024

Contact/Location: BRENDAN COWHEY - VP1174336

# **OIL ANALYSIS REPORT**



#### GRAPHS



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