## **OIL ANALYSIS REPORT**

### A825382 - PORT DIESEL ENGINE

Sample No: VPA021798

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION VPA021798 Sample Number 20 Jul 2023 Sample Date Machine Hours 269 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.8 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) % 54 CONTAMINATION Soot % % 0.3 % Nitration (PA) 45 Sulfation (PA) % 51 % Glycol NEG Fuel % <1.0 Silicon ppm 5 Sodium 1 🔲 ppm Potassium 2 ppm WEAR METALS 11 Iron ppm 4 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum ppm <1 Chromium **||** < 1 ppm Molybdenum ppm 57 Nickel ■ <1 ppm Titanium ■<1 ppm Silver ppm 0 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1099 ppm Magnesium 981 ppm Zinc ppm 1251 Phosphorus ppm 1003 Barium ppm 0 Boron ppm 2 Depot:

VPADVNAP



ADVANCED DIESEL 1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith advanceddiesel@yahoo.com

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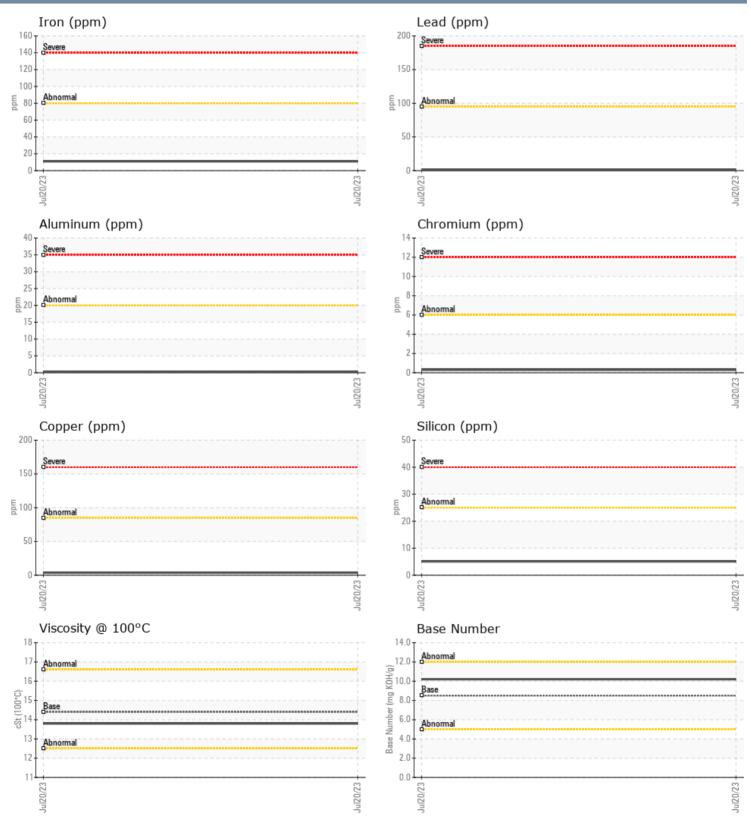
#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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.

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#### GRAPHS



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