## **OIL ANALYSIS REPORT**

### QSB 6.7 - VPA050938 (S/N NOT GIVEN) - PORT DIESEL ENGINE

Sample No: VPA050938

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION VPA050938 Sample Number 09 Jul 2023 Sample Date Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.6 Base Number (BN) mg KOH/g 8.2 Oxidation (PA) % 71 CONTAMINATION Soot % % 0.3 % Nitration (PA) 56 Sulfation (PA) % 59 % Glycol NEG Fuel % <1.0 Silicon ppm 5 Sodium 4 ppm Potassium 7 ppm WEAR METALS Iron ppm 29 29 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum **11** ppm Chromium 2 ppm Molybdenum <1 ppm Nickel 1 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 2056 ppm Magnesium 20 ppm Zinc ppm 1166 Phosphorus ppm 964 Barium ppm 0 🔲 Boron ppm 205



ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith\_advanceddiesel@yahoo.com T: (239)580-8731

### 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:
 VPADVNAP

 Unique No:
 10549115

 Signed:
 Don Baldridge

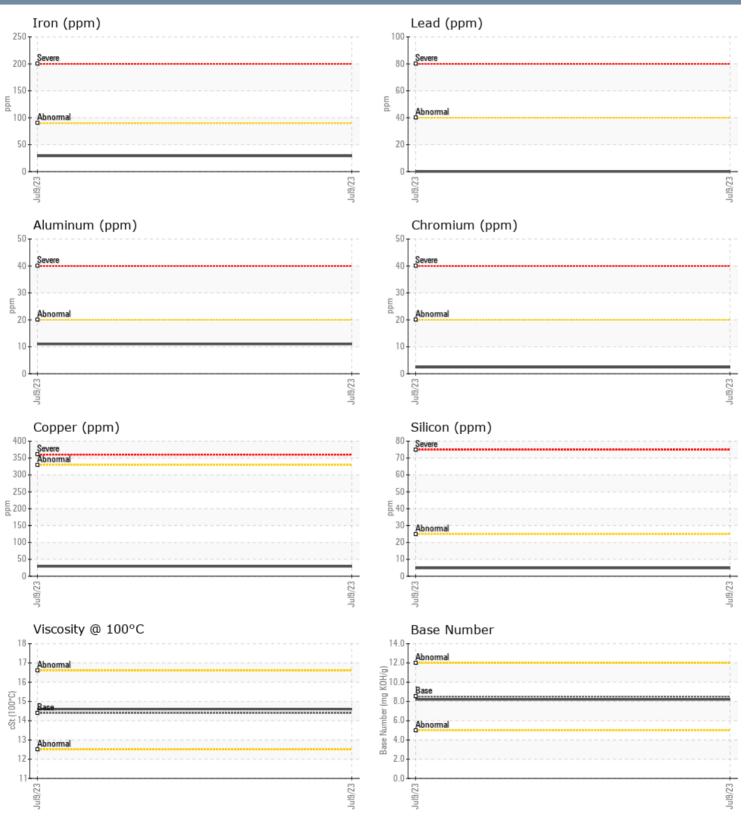
 Report Date:
 11 Jul 2023

Contact/Location: KEITH SPICER - VPADVNAP

# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: KEITH SPICER - VPADVNAP