## **OIL ANALYSIS REPORT**

### M61139 - PORT DIESEL ENGINE

Sample No:VPA06166528Oil Type:DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA06166528 Sample Number Sample Date 01 May 2024 Machine Hours 0 0 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** 13.8 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.3 Oxidation (PA) % 67 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 62 % Sulfation (PA) 55 Glycol % NEG Fuel % <1.0 Silicon 5 ppm Sodium 2 ppm Potassium 1 ppm WEAR METALS Iron 9 ppm 33 Copper ppm Lead ppm 0 🔲 Tin ■ <1 ppm Aluminum ppm 2 Chromium ppm 0 Molybdenum 43 ppm Nickel 0 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm 0 **ADDITIVES**

Calcium	ppm	1449	 	
Magnesium	ppm	505	 	
Zinc	ppm	<b>1161</b>	 	
Phosphorus	ppm	957	 	
Barium	ppm	0	 	
Boron	ppm	<b>41</b>	 	



Monmouth Marine Engines Inc 536 UNION LN BRIELLE, NJ US 08730-1421 Contact: Kenneth Mika monmouthmarine@gmail.com T: x: F: x:

### Diagnosis

No corrective action is recommended at this time. 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.

 Depot:
 VP153457

 Unique No:
 11007247

 Signed:
 Doug Bogart

 Report Date:
 03 May 2024

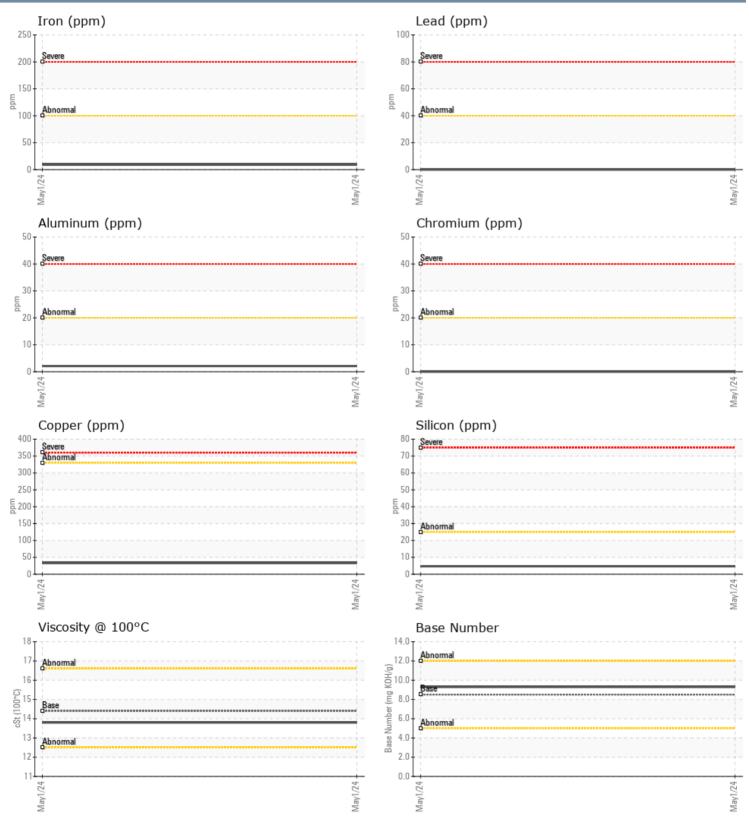
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Contact/Location: Kenneth Mika - VP153457

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#### GRAPHS



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Contact/Location: Kenneth Mika - VP153457