## **OIL ANALYSIS REPORT**

### SOUTH PAW ZF SOUTH PAW - INBOARD - PORT DIESEL ENGINE

Sample No: VPA044101

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA044101 Sample Number Sample Date 26 Apr 2024 Machine Hours 562 0 **Oil Hours** N/A Oil Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.2 Base Number (BN) mg KOH/g 8.0 Oxidation (PA) % 82 CONTAMINATION % NEG Water % Soot % 0.5 Nitration (PA) % 90 % Sulfation (PA) 61 Glycol % NEG Fuel % <1.0 Silicon 9 ppm Sodium 11 ppm Potassium 2 ppm WEAR METALS 50 Iron ppm 44 Copper ppm Lead ■ <1 ppm Tin 2 ppm Aluminum 26 ppm Chromium ppm 5 Molybdenum 53 ppm Nickel 3 ppm Titanium ppm **||** <1 Silver ppm ■ <1 Manganese 1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1496 ppm Magnesium 986 ppm Zinc ppm 1124 895 Phosphorus ppm Barium ■<1 ppm Boron ppm 25 Depot:

**BEST MARINE** 

24 RIVERVIEW AVE TARRYTOWN, NY US 10591 Contact: PETE ROESTENBERG PETEMARINE27@OUTLOOK.COM T: (516)807-5340 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.

 Unique No:
 11008466

 Signed:
 Jonathan Hester

 Report Date:
 07 May 2024

Contact/Location: PETE ROESTENBERG - VPBESTAR

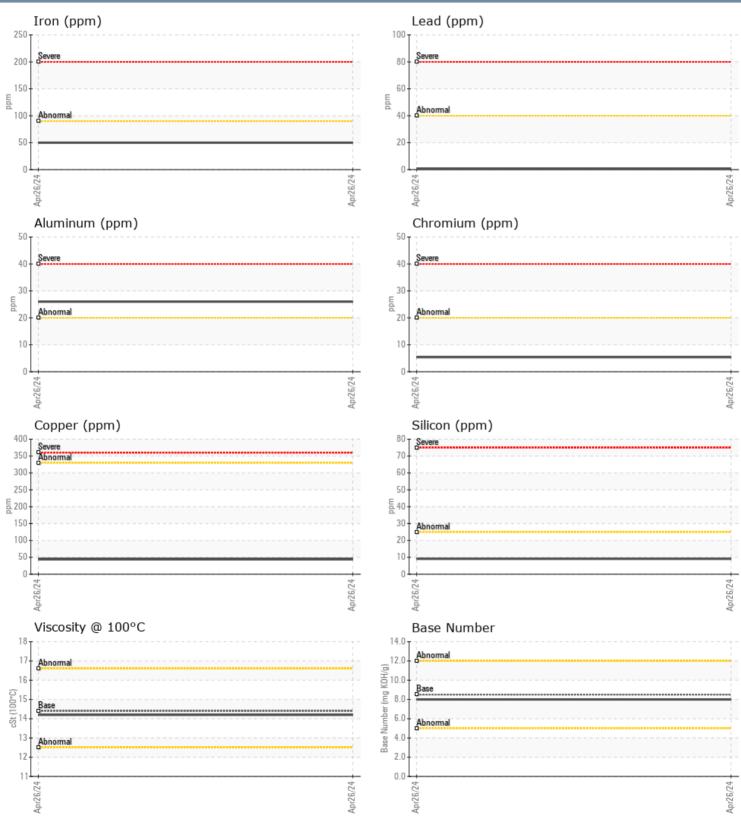
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#### GRAPHS



Report Id: VPBESTAR [WUSCAR] 06167747 (Generated: 05/07/2024 10:39:50) Rev: 1

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