## **OIL ANALYSIS REPORT**

### SOUTH PAW CUMMINS 74108937 - STARBOARD DIESEL ENGINE

Sample No: VPA047505

**Oil Type: DIESEL ENGINE OIL SAE 40** 

#### SAMPLE INFORMATION VPA047505 Sample Number Sample Date 26 Apr 2024 Machine Hours 562 0 **Oil Hours** N/A Oil Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.3 Base Number (BN) mg KOH/g 8.2 Oxidation (PA) % 83 CONTAMINATION % NEG Water % Soot % 0.7 Nitration (PA) % 94 % Sulfation (PA) 61 Glycol % NEG Fuel % <1.0 Silicon 8 ppm Sodium 8 🔲 ppm Potassium 2 ppm WEAR METALS 44 Iron ppm 60 Copper ppm Lead 0 🔲 ppm Tin 2 ppm Aluminum 19 ppm Chromium ppm 4 Molybdenum 51 ppm Nickel 3 ppm Titanium ppm **||** <1 0 Silver ppm Manganese 1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1419 ppm Magnesium 909 ppm Zinc ppm 1042 Phosphorus ppm 839 Barium 0 ppm Boron ppm 23 Depot: Unique No: Signed:

**BEST MARINE** 

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

#### 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.

Contact/Location: PETE ROESTENBERG - VPBESTAR

**Report Date:** 

VPBESTAR

11008467

Jonathan Hester

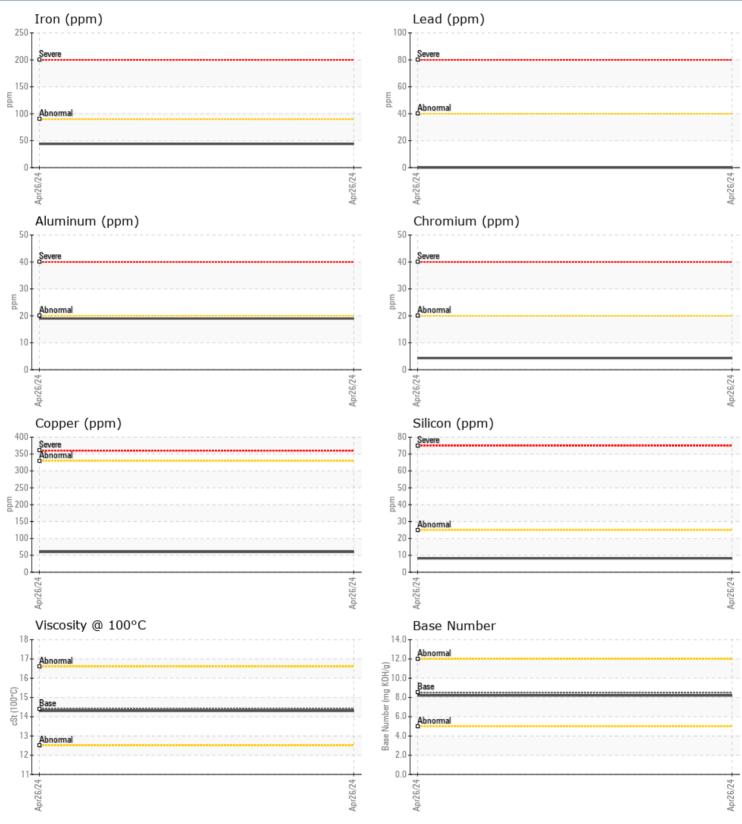
07 May 2024



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPBESTAR [WUSCAR] 06167748 (Generated: 05/07/2024 10:39:43) Rev: 1

Contact/Location: PETE ROESTENBERG - VPBESTAR