## **OIL ANALYSIS REPORT**

### ABRESSCIA 550-44 CUMMINS 73542210 (S/N 73542310) - STARBOARD DIESEL ENGINE

Sample No: VPA059876

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA059876 Sample Number Sample Date 26 Oct 2023 Machine Hours 427 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status Т٠ **OIL CONDITION** F: Visc @ 100°C 14.3 cSt Base Number (BN) mg KOH/g 8.5 Oxidation (PA) % 66 CONTAMINATION % Water NEG % Soot % 0.3 Nitration (PA) % 54 Sulfation (PA) % 56 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium **||** <1 ppm Potassium 6 🔲 ppm WEAR METALS 10 Iron ppm 18 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 1 Chromium <1 ppm Molybdenum ppm 3 Nickel 2 ppm Titanium ppm **||** <1 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 2193 ppm 10 Magnesium ppm Zinc ppm 1119 Phosphorus ppm 931 Barium **||** <1 ppm Boron ppm 185

 Depot:
 VP153685

 Unique No:
 10764047

 Signed:
 Don Baldridge

 Report Date:
 01 Dec 2023

Contact/Location: Ronda Bolinger - VP153685

Outstanding Marine PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net T: F:

#### Diagnosis

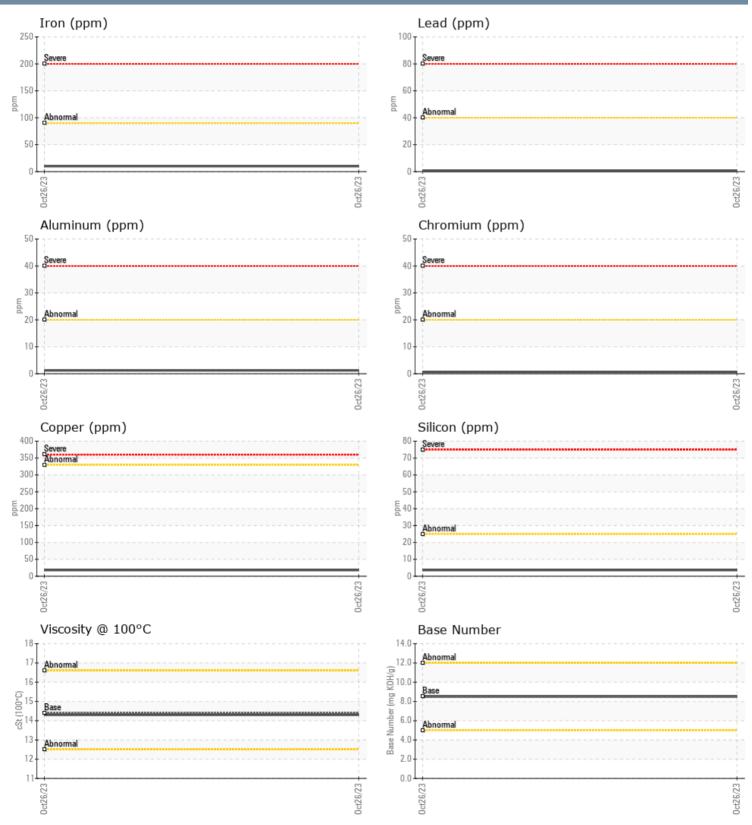
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP153685 [WUSCAR] 06019547 (Generated: 12/02/2023 05:43:36) Rev: 1

Contact/Location: Ronda Bolinger - VP153685