## **OIL ANALYSIS REPORT**

### ED WHEATLEY MAN MAN V12-1360 - STARBOARD DIESEL ENGINE

Sample No: VPA054931

Oil Type: MOBIL 15W40

#### SAMPLE INFORMATION VPA054931 Sample Number 08 Jul 2024 Sample Date Machine Hours 1833 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.6 Base Number (BN) mg KOH/g 6.3 Oxidation (PA) % 165 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 63 % Sulfation (PA) 96 Glycol % NEG Fuel % <1.0 Silicon 7 ppm Sodium ppm 2 Potassium 2 ppm WEAR METALS Iron 12 ppm 10 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum ppm 3 Chromium ppm <1 Molybdenum 46 ppm Nickel ■ <1 ppm Titanium ppm 1 Silver ppm 0 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** 1067 Calcium ppm Magnesium 881 ppm Zinc ppm 1346 Phosphorus ppm 1190 Barium 0 ppm Boron ppm 120



YACHT BASIN MARINA 1866 OTTAWA BEACH RD HOLLAND, MI US 49424

Contact: OIL SAMPLE/PART kyle@yachtbasinmarina.com T: (616)786-2205

#### 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:
 VP718610

 Unique No:
 11114672

 Signed:
 Jonathan Hester

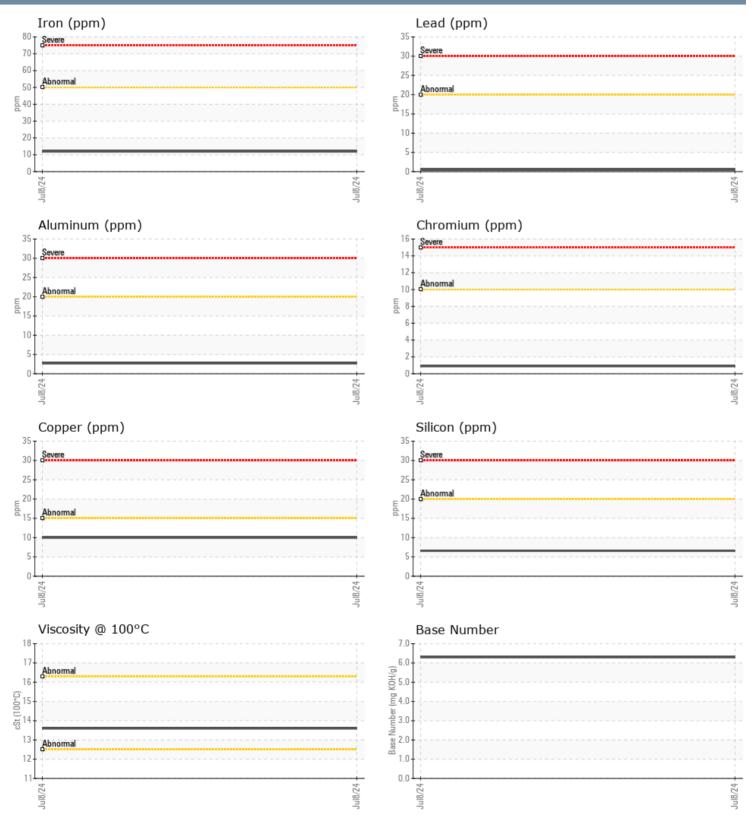
 Report Date:
 10 Jul 2024

Contact/Location: OIL SAMPLE/PART - VP718610

# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: OIL SAMPLE/PART - VP718610