OIL ANALYSIS REPORT

WEIR MERCURY 0M976226 - ZEUS - STARBOARD GEARBOX

Sample No: VPA059691

Oil Type: MERCURY 90 HD

SAMPLE INFORMATION Sample Number VPA059691 Sample Date 09 Jan 2024 Machine Hours 237 237 **Oil Hours** Oil Changed Not Changd ABNORMAL Sample Status T: **OIL CONDITION** F: Visc @ 40°C cSt 165 CONTAMINATION % **0.282** Water Silicon ppm 3 Sodium 0 ppm Potassium ppm ■ <1 WEAR METALS PO 28 **216** Iron ppm Copper ppm 17 Lead **||** <1 ppm Tin 0 🔲 ppm 5 Aluminum ppm Chromium ppm 2 Molybdenum 80 ppm Nickel ppm 1 🔲 Titanium ppm <1 Silver 0 ppm 4 Manganese ppm Vanadium 0 ppm **ADDITIVES** Calcium 56 ppm 4 Magnesium ppm Zinc ppm 22 415 Phosphorus ppm Barium 2 ppm Boron ppm 1



Walstrom Marine - 767948 501 Bay Street HARBOR SPRINGS, MI US 49740 Contact: RICK HEINY rheiny@walstrom.com

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Gear wear is indicated. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

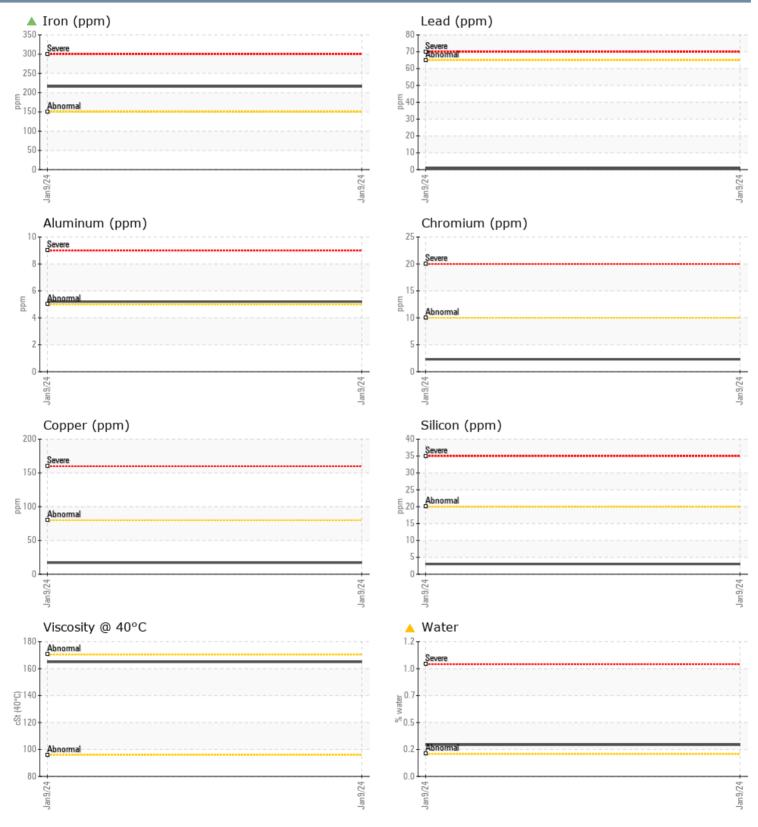
Depot: VP154879 Unique No: 10832887 Signed: Jonathan Hester **Report Date:** 18 Jan 2024

Contact/Location: RICK HEINY - VP154879

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP154879 [WUSCAR] 06061505 (Generated: 01/25/2024 15:50:08) Rev: 1

Contact/Location: RICK HEINY - VP154879