OIL ANALYSIS REPORT

JAMES FLYNN MERCURY 0M969555 - INBOARD - STARBOARD GEARBOX

Sample No: VPA036597

Oil Type: MERCURY SAE 90

SAMPLE INFORMATION Sample Number VPA036597 VPA027981 09 Feb 2024 Sample Date 27 Nov 2020 Machine Hours 852 660 **Oil Hours** 72 50 Oil Changed Changed Not Changd ATTENTION Sample Status ATTENTION T: **OIL CONDITION** F: Visc @ 40°C cSt 158 ▲ 155.2 CONTAMINATION % Water 0.040 NEG Silicon ppm 3 <1 Sodium 0 < ppm Potassium ppm 2 0 WEAR METALS PO 24 22 **224** Iron ppm 155 Copper 16 12 ppm Lead 2 0 ppm 0 Tin **||** <1 ppm 1 2 Aluminum ppm Chromium ppm 2 1 40 Molybdenum 61 ppm 2 Nickel ppm 2 Titanium 0 ppm <1 Silver <1 ppm <1 2 Manganese 3 ppm Vanadium <1 0 ppm **ADDITIVES** 16 Calcium 99 ppm 4 0 Magnesium ppm Zinc ppm 37 13 253 Phosphorus ppm 240 0 Barium 0 ppm Boron ppm 4 <1



Bayview Yachtcrafters Inc 31785 S. River Road HARRISON TOWNSHIP, MI US 48045 Contact: Shawn Robertson bayviewyachtcrafters@comcast.net T:

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP151756

 Unique No:
 10883363

 Signed:
 Don Baldridge

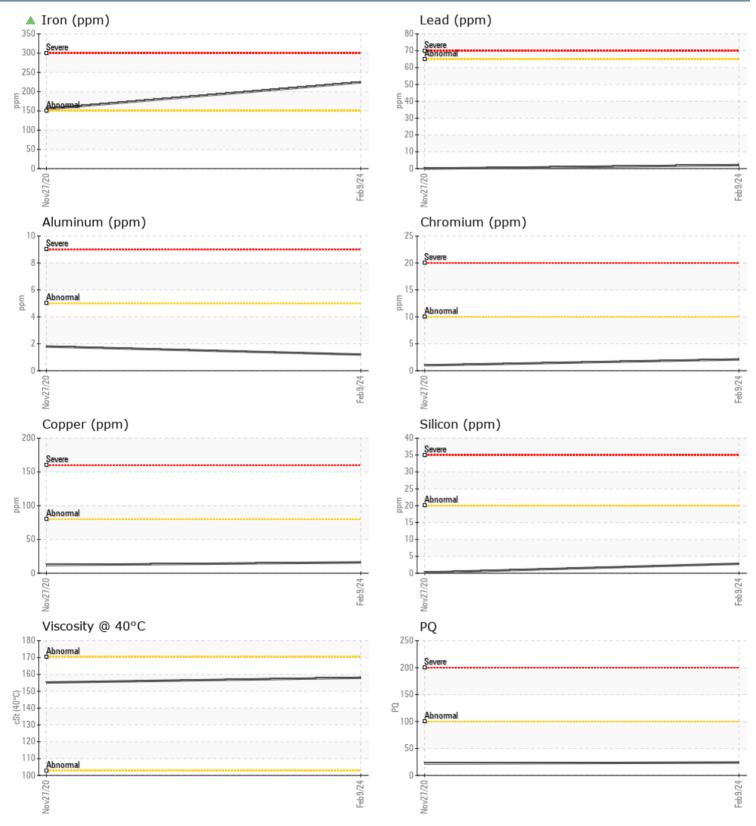
 Report Date:
 19 Feb 2024

Contact/Location: Shawn Robertson - VP151756

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GRAPHS



Report Id: VP151756 [WUSCAR] 06090510 (Generated: 02/19/2024 21:16:25) Rev: 1

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