OIL ANALYSIS REPORT

MERCURY MERCURY B3 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA021154

Oil Type: MERCURY 80W90

SAMPLE INFORMATION Sample Number VPA021154 09 Mar 2023 Sample Date Machine Hours 0 EXCELSIOR, MN 50 **Oil Hours** US 55331 Oil Changed Changed ABNORMAL Sample Status T: **OIL CONDITION** F: Visc @ 40°C cSt 152 Diagnosis CONTAMINATION % Water **0.498** Silicon ppm 1 Sodium 0 ppm Potassium ppm 2 WEAR METALS PO 13 Iron ppm Copper 17 ppm Lead 2 ppm Tin 0 🔲 ppm Aluminum ppm **4** Chromium ppm 1 Molybdenum 27 ppm Nickel ppm 2 Titanium 0 ppm Silver 0 ppm 2 Manganese ppm Vanadium 0 ppm **ADDITIVES** Calcium 4 ppm 1 Magnesium ppm Zinc ppm 9 183 Phosphorus ppm Barium 0 ppm Boron ppm <1



Indoor Boat Storage Inc 26120 Birch Bluff Rd. EXCELSIOR, MN US 55331 Contact: Steve Malenke SERVICE@INDOORBOATSTORAGEINC.COM T:

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.The iron level is abnormal. All other component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

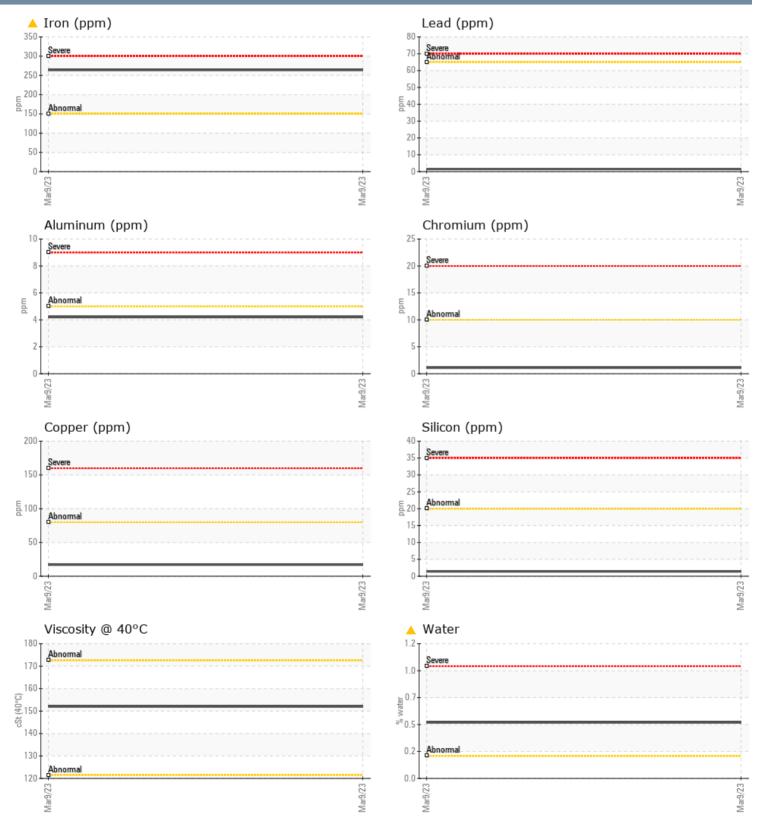
Depot:	VP303976
Unique No:	10372248
Signed:	Angela Borella
Report Date:	13 Mar 2023

Contact/Location: Steve Malenke - VP303976

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GRAPHS



Report Id: VP303976 [WUSCAR] 05787577 (Generated: 10/12/2023 18:07:33) Rev: 1

Contact/Location: Steve Malenke - VP303976