## **OIL ANALYSIS REPORT**

## RAG TOP ZF 20088292 - INBOARD - STARBOARD GEARBOX

Sample No: VPA051939

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA051939 North Harbor Diesel Inc 09 Oct 2023 Sample Date 720 30Th Street Machine Hours 533 ANACORTES, WA **Oil Hours** 0 US 98221 Oil Changed Changed Contact: ROBBIN MURDOCK NORMAL Sample Status robbin@northharbordiesel.com T: (360)299-1904 **OIL CONDITION** F: Visc @ 40°C cSt 92.1 CONTAMINATION Diagnosis Resample at the next service interval Silicon ppm 3 to monitor.All component wear rates Sodium ppm 3 are normal. There is no indication of Potassium ■<1 ppm any contamination in the oil. The condition of the oil is acceptable for WEAR METALS the time in service. PO 16 Iron 14 ppm Copper ppm 21 Lead ppm 1 Tin ppm **||** <1 2 Aluminum ppm Chromium ppm **||** <1 Molybdenum 27 ppm Nickel 0 🔲 ppm Titanium 1 ppm Silver 0 ppm Manganese ■ <1 ppm Vanadium 0 ppm ADDITIVES Calcium 3187 ppm Magnesium 89 ppm Zinc ppm 1139 Phosphorus ppm 980 Barium 0 🔲 ppm 5 Boron ppm



 Depot:
 VP179089

 Unique No:
 10711065

 Signed:
 Don Baldridge

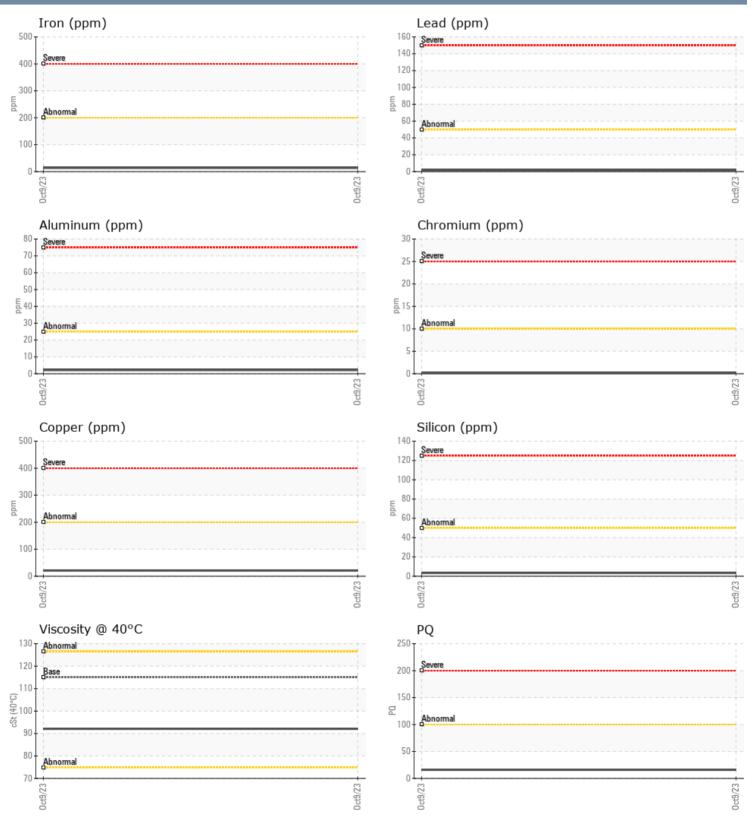
 Report Date:
 26 Oct 2023

Contact/Location: ROBBIN MURDOCK - VP179089

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### GRAPHS



Contact/Location: ROBBIN MURDOCK - VP179089