OIL ANALYSIS REPORT

1867 ZF ZF - INBOARD (S/N NOT GIVEN) - PORT GEARBOX

Sample No: VPA060903

Oil Type: MOBIL SAE 30

SAMPLE INFORMATION VPA060903 Sample Number Sample Date 13 Apr 2024 Machine Hours 70 70 **Oil Hours** Oil Changed Not Changd ATTENTION Sample Status **OIL CONDITION** F: Visc @ 40°C cSt 99.6 CONTAMINATION % Water NEG Silicon ppm 3 Sodium 1 ppm Potassium ppm 0 WEAR METALS PO 21 11 Iron ppm Copper 335 ppm Lead 14 ppm Tin 4 ppm **||** <1 Aluminum ppm Chromium ppm ■ <1 Molybdenum <1 ppm Nickel ppm 0 Titanium 0 ppm Silver 0 ppm Manganese <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 68 ppm Magnesium ppm 1423 Zinc ppm 1323 Phosphorus ppm 1153 Barium 0 ppm Boron ppm 5



SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103 PLANTATION, FL US 33325 Contact: ANDRES GARMENDIA smartdieselservice@gmail.com T: (954)258-8100

Diagnosis

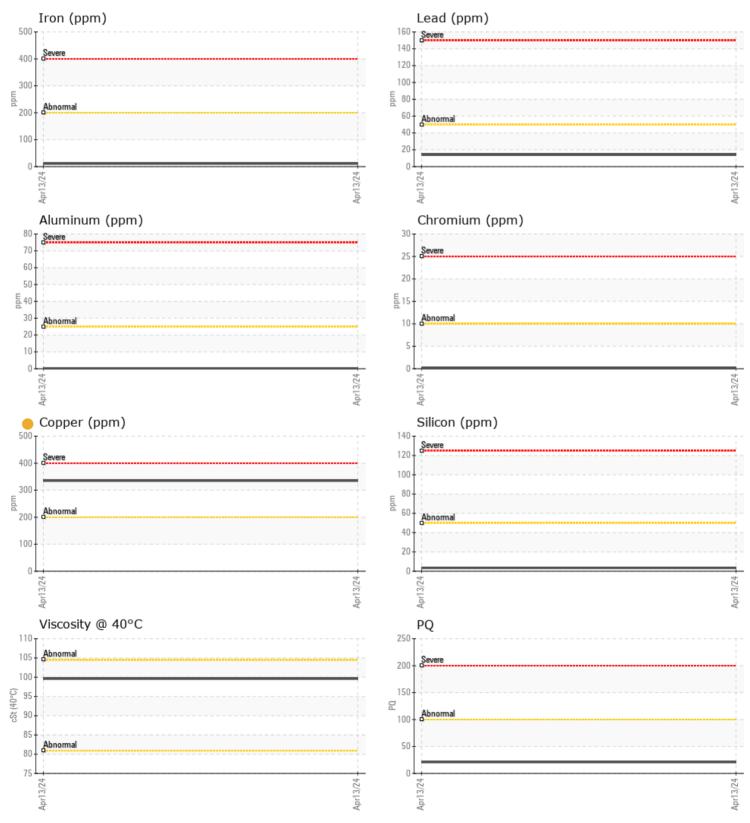
No corrective action is recommended at this time. Resample at the next service interval to monitor.The copper level is abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:VPSMAPLAUnique No:10994833Signed:Jonathan HesterReport Date:26 Apr 2024

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPSMAPLA [WUSCAR] 06159410 (Generated: 04/26/2024 10:44:39) Rev: 1

Contact/Location: ANDRES GARMENDIA - VPSMAPLA