## **OIL ANALYSIS REPORT**

### SEA WOLF SEA WOLF ZF 20290892 - INBOARD - GEARBOX

Sample No: VPA036212

Oil Type: TOTAL

#### SAMPLE INFORMATION Sample Number VPA036212 Sample Date 15 Nov 2023 Machine Hours 301 301 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 71.4 CONTAMINATION % Water NEG Silicon ppm 8 Sodium 0 🔲 ppm Potassium ppm 2 WEAR METALS PO 24 70 Iron ppm Copper ppm 159 Lead 3 ppm Tin **||** <1 ppm 5 Aluminum ppm Chromium ■<1 ppm Molybdenum 0 ppm Nickel ppm 0 Titanium ppm <1 Silver <1 ppm 0 Manganese ppm Vanadium 0 ppm **ADDITIVES** 4175 Calcium ppm Magnesium ppm 18 Zinc ppm 1271 1097 Phosphorus ppm Barium 6 ppm



MARINE DIESEL SERVICES INC 1711 WHITTIER AVE, SUITE B

COSTA MESA, CA US 92627 Contact: BEN ALMAZAN marinedieselservices@outlook.com T: (949)612-8180 F: x:

#### Diagnosis

Resample at the next service interval to monitor.All 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:
 VP288530

 Unique No:
 10754566

 Signed:
 Jonathan Hester

 Report Date:
 27 Nov 2023

27

ppm

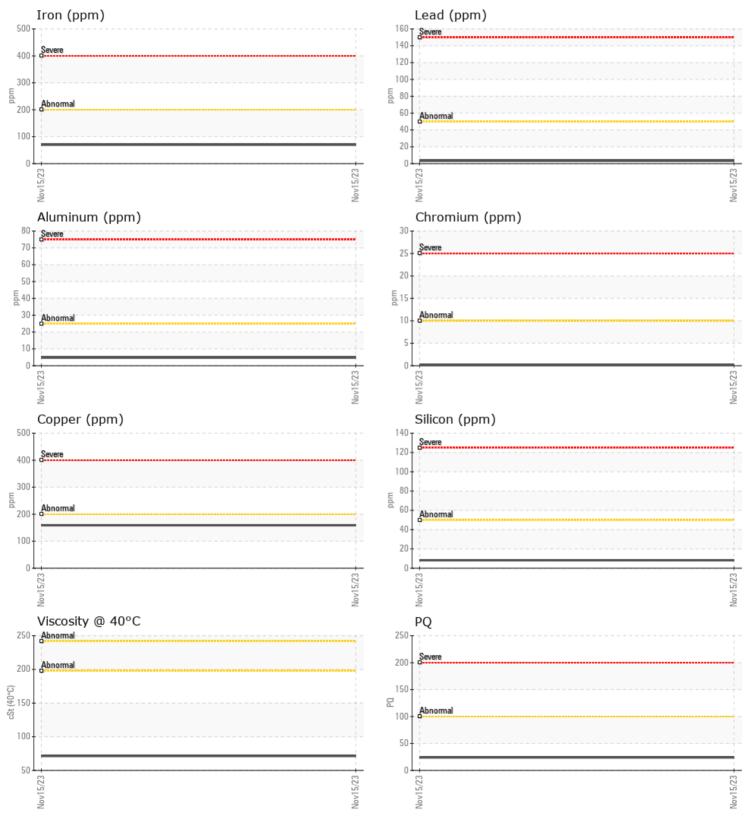
Boron

Contact/Location: BEN ALMAZAN - VP288530

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP288530 [WUSCAR] 06015422 (Generated: 11/27/2023 15:33:31) Rev: 1

Contact/Location: BEN ALMAZAN - VP288530