# **OIL ANALYSIS REPORT**

### NADINE URCIUOLI MONTERY BAY BOAT VOLVO PENTA A393502 - INBOARD - PORT GEARBOX

VPA051798 Sample No:

**Oil Type: VOLVO PENTA** 

#### SAMPLE INFORMATION Sample Number VPA051798 Sample Date 01 Aug 2023 Machine Hours 427 **Oil Hours** 427 Oil Changed Not Changd ABNORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 106 CONTAMINATION Silicon ppm Sodium 21 ppm Potassium 2 ppm WEAR METALS PO 18 Iron ppm Copper ppm 24 Lead ppm **||** <1 Tin ppm 0 **6** Aluminum ppm Chromium ppm 2 Molybdenum 2 ppm Nickel 4 ppm Titanium 0 ppm Silver <1 ppm Manganese 11 ppm Vanadium 0 ppm **ADDITIVES** Calcium 33 ppm 5 Magnesium ppm 114 Zinc ppm Phosphorus ppm 1407 Barium 0 ppm 311

### **Helmuts Marine Service**

619 Canal Street SAN RAFAEL, CA US 94901-3545 Contact: NADINE URCIUOLI SERVICE@HEI MUTSMARINE COM T: x: F: x:

VOLVO PENTA

## Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot: VP152741 Unique No: 10589791 Signed: Doug Bogart **Report Date:** 08 Aug 2023

ppm

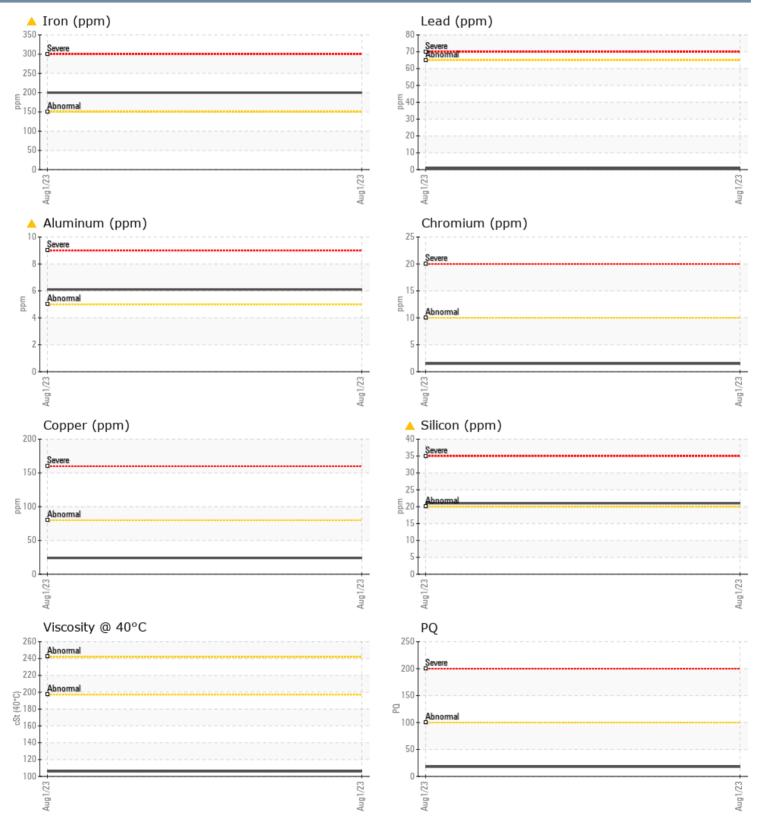
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Contact/Location: NADINE URCIUOLI - VP152741

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## GRAPHS



Report Id: VP152741 [WUSCAR] 05917877 (Generated: 08/10/2023 13:45:27) Rev: 1

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