## **OIL ANALYSIS REPORT**

### 1792 TWIN DISC 5JS013 - INBOARD - STARBOARD GEARBOX

Sample No: VPA059251

**Oil Type:** SHELL ROTELLA T 40

#### SAMPLE INFORMATION VPA059251 Sample Number Sample Date 08 Feb 2024 Machine Hours 1268 **Oil Hours** 0 Oil Changed Not Changd SEVERE Sample Status **OIL CONDITION** F: Visc @ 40°C cSt 79.92 CONTAMINATION % Water **0.388** Silicon ppm 21 Sodium 39 ppm Potassium ppm ■<1 WEAR METALS PO **192** Iron ppm Copper 518 ppm Lead 549 ppm 7 Tin ppm Aluminum ppm 6 🔲 Chromium 1 ppm 39 Molybdenum ppm **||** <1 Nickel ppm Titanium 2 ppm Silver 1 ppm Manganese 3 ppm Vanadium 0 ppm **ADDITIVES** Calcium ppm 3165 Magnesium ppm 108 Zinc ppm 990 Phosphorus 1013 ppm Barium ppm 0 Boron 431 ppm

# VOLVO PENTA

**SMART DIESEL SERVICE** 102 NW 133RD AVE, UNIT 103 PLANTATION, FL US 33325 Contact: ANDRES GARMENDIA smartdieselservice@gmail.com

T: (954)258-8100

## Diagnosis

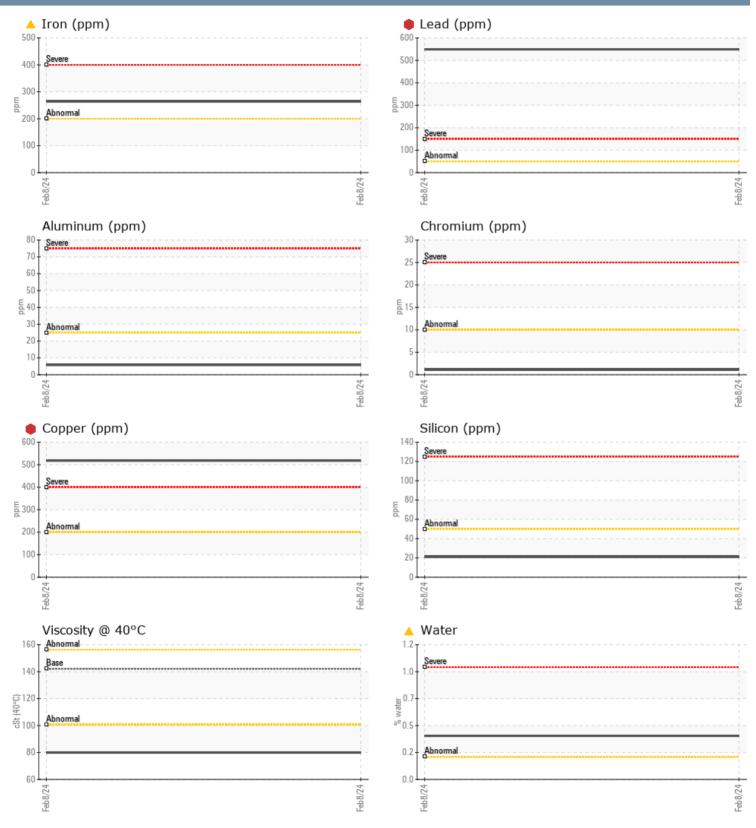
We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Clutch and/or bushing/bearing wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants and wear.

Depot:	VPSMAPLA
Unique No:	10873948
Signed:	Doug Bogart
Report Date:	12 Feb 2024

# **OIL ANALYSIS REPORT**



### GRAPHS



Contact/Location: ANDRES GARMENDIA - VPSMAPLA