### **OIL ANALYSIS REPORT**

# VOLVO PENTA

#### MARK BLOOM PB4510 VOLVO PENTA 3940027403 - STARBOARD IPS

Sample No: VPA050466

**Oil Type:** GEAR OIL SAE 75W90

#### SAMPLE INFORMATION Sample Number VPA050466 VPA037290 Sample Date 24 Jun 2024 12 Nov 2021 Machine Hours 970 722 150 **Oil Hours** 150 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** F: Visc @ 40°C cSt 104.0 103 CONTAMINATION % Water 0.177 NEG Silicon ppm 2 12 Sodium 1 5 ppm Potassium ppm ■ <1 9 WEAR METALS PO 16 28 31 Iron ppm 132 Copper 6 15 ppm Lead 0 <1 ppm <1 Tin 0 🔲 ppm 3 Aluminum ppm **||** <1 Chromium 2 ppm 0 Molybdenum 0 <1 ppm 0 🔲 2 Nickel ppm Titanium 0 0 ppm Silver <1 1 ppm $\square 7$ Manganese **|** <1 ppm Vanadium 0 0 ppm **ADDITIVES** 13 Calcium 11 ppm 59 Magnesium ppm 2 Zinc ppm 11 20 Phosphorus ppm 1408 1345 Barium 0 ppm 0 Boron ppm 281 324

**GRAND BANKS** 

450 SW SALEM RD STUART, FL US 34994 Contact: ROBERT ANTONA roberta@gbmarinegroup.com T: (609)384-5290

### Diagnosis

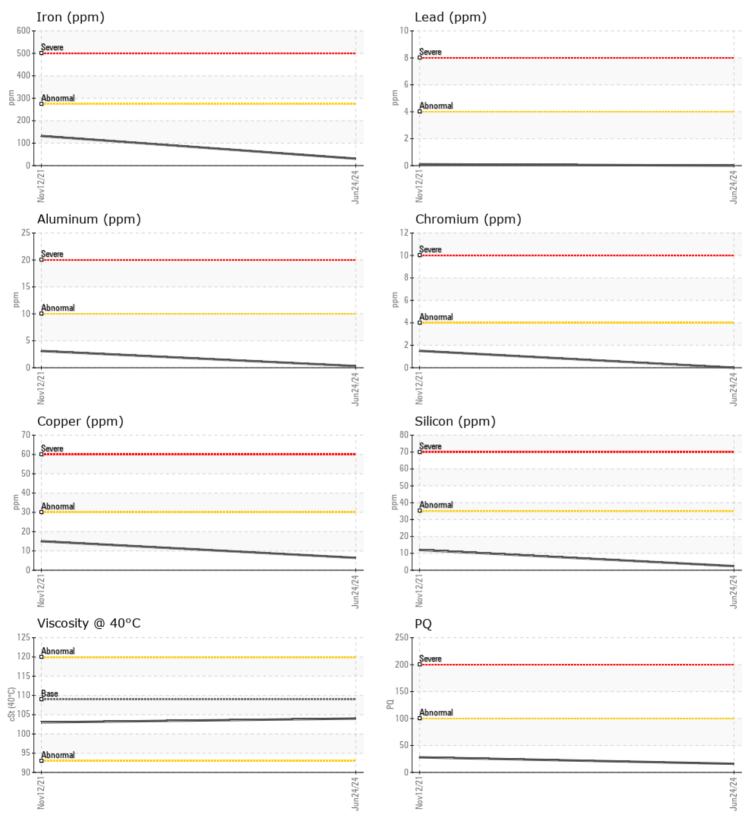
No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP531377 Unique No: 11099988 Signed: Doug Bogart **Report Date:** 26 Jun 2024 Contact/Location: ROBERT ANTONA - VP531377

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### GRAPHS



Report Id: VP531377 [WUSCAR] 06221791 (Generated: 06/26/2024 16:24:12) Rev: 1

Contact/Location: ROBERT ANTONA - VP531377