OIL ANALYSIS REPORT

VOLVO PENTA 3200003457 - STARBOARD IPS STEVE MUCH 50-55 3499

Sample No: VPA049736

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA049736 VPA047652 **GRAND BANKS** 10 Nov 2023 Sample Date 02 May 2023 Machine Hours 300 194 194 **Oil Hours** 0 Oil Changed Changed Not Changd NORMAL Sample Status NORMAL **OIL CONDITION** F: Visc @ 40°C cSt 101 90.2 CONTAMINATION 3 Silicon ppm <1 3 Sodium 21 ppm Potassium ■<1 5 ppm WEAR METALS PO 19 19 Iron 38 54 ppm Copper ppm 13 19 Lead ppm 0 <1 Tin 0 <1 ppm 2 Aluminum ppm 1 Chromium ppm 0 🔲 < 1 Molybdenum 0 □ < 1 ppm Nickel 1 2 ppm 0 Titanium ppm < 1 Silver 0 0 ppm Manganese 1 2 ppm Vanadium 0 0 ppm **ADDITIVES** Calcium 26 ppm 7 Magnesium 102 802 ppm Zinc ppm 0 20 Phosphorus ppm 1405 1559 Barium 0 🔲 0 ppm 241 316 Boron ppm

VOLVO PENTA

450 SW SALEM RD STUART, FL US 34994

Contact: ROBERT ANTONA roberta@gbmarinegroup.com T: (609)384-5290

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.

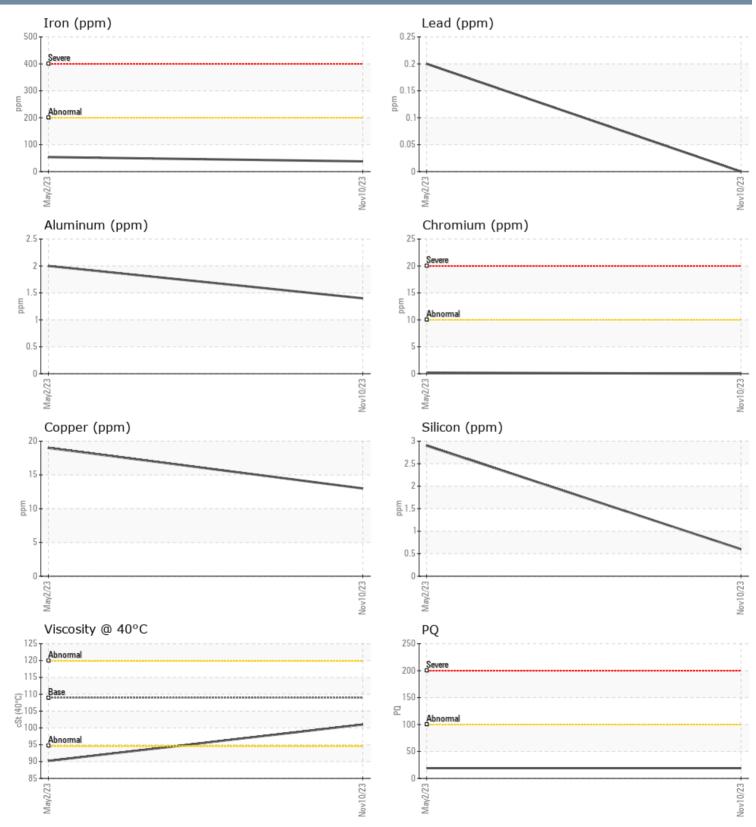
Depot:	VP531377
Unique No:	10749039
Signed:	Doug Bogart
Report Date:	19 Nov 2023

Contact/Location: ROBERT ANTONA - VP531377

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GRAPHS



Report Id: VP531377 [WUSCAR] 06009895 (Generated: 11/19/2023 20:16:08) Rev: 1

Contact/Location: ROBERT ANTONA - VP531377