OIL ANALYSIS REPORT

VOLVO PENTA

RICH CARROLL PB5527 VOLVO PENTA 3950003836 - STARBOARD IPS

Sample No: VPA056085

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA056085 VPA037379 Sample Date 10 Jan 2024 11 Nov 2021 Machine Hours 772 373 **Oil Hours** 150 0 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** F: Visc @ 40°C cSt 103 103 CONTAMINATION % Water 0.193 NEG Silicon ppm 1 6 Sodium **4** 6 ppm Potassium ppm ■ <1 1 WEAR METALS PO 15 22 35 53 Iron ppm Copper 3 9 ppm Lead 0 0 ppm 0 0 Tin ppm 2 Aluminum ppm <1 Chromium < 1 ppm 0 Molybdenum **||** < 1 0 ppm 0 🔲 0 Nickel ppm Titanium 0 0 ppm Silver 0 0 ppm 3 Manganese **||** < 1 ppm Vanadium 0 0 ppm **ADDITIVES 10** 12 Calcium ppm 130 Magnesium ppm 10 Zinc ppm 4 5 Phosphorus ppm 1462 1409 Barium 0 ppm 0 Boron ppm 303 283

GRAND BANKS

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

Diagnosis

Oil and filter change at the time of sampling has been noted. 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. The condition of the oil is acceptable for the time in service.

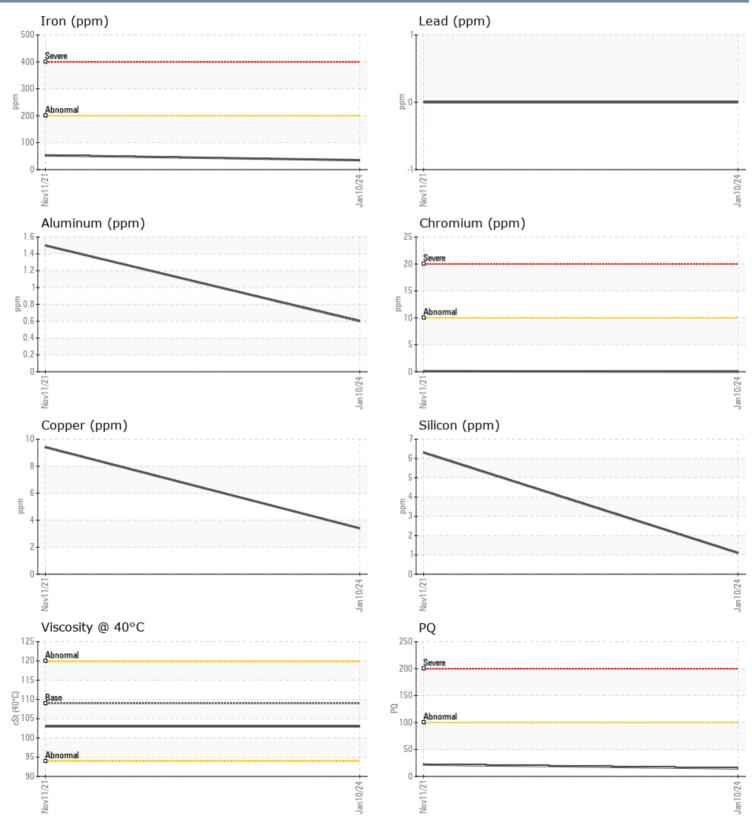
Depot:	VP531377
Unique No:	10834493
Signed:	Sean Felton
Report Date:	19 Jan 2024

Contact/Location: ROBERT ANTONA - VP531377

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GRAPHS



Report Id: VP531377 [WUSCAR] 06063111 (Generated: 01/19/2024 16:09:38) Rev: 1

Contact/Location: ROBERT ANTONA - VP531377