OIL ANALYSIS REPORT

VOLVO PENTA 320002544 (S/N 3200002544) - PORT IPS BARDIN

Sample No: VPA054166

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION VPA054166 VPA041213 Sample Number Sample Date 08 May 2024 05 Dec 2022 Machine Hours 0 327 0 200 **Oil Hours** US 21401 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** F: Visc @ 40°C cSt 92.9 102 CONTAMINATION % Water NEG NEG Silicon ppm 2 2 Sodium 3 4 ppm Potassium ppm 4 □<1 WEAR METALS PO 17 17 59 102 Iron ppm Copper 20 21 ppm Lead 1 0 ppm 0 Tin ■ <1 ppm 2 5 Aluminum ppm Chromium < 1 ppm 0 2 <1 Molybdenum ppm 2 Nickel ppm 1 🔲 Titanium 0 0 ppm Silver 0 0 ppm 2 □3 Manganese ppm Vanadium 0 0 ppm **ADDITIVES** 48 Calcium 8 ppm Magnesium ppm 11 75 Zinc ppm 24 9 Phosphorus ppm 465 1348 Barium 0 ppm 0 Boron ppm 44 286



FULL KEEL MARINE SERVICES 314 LEGION AVE ANNAPOLIS, MD Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal for OEM. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

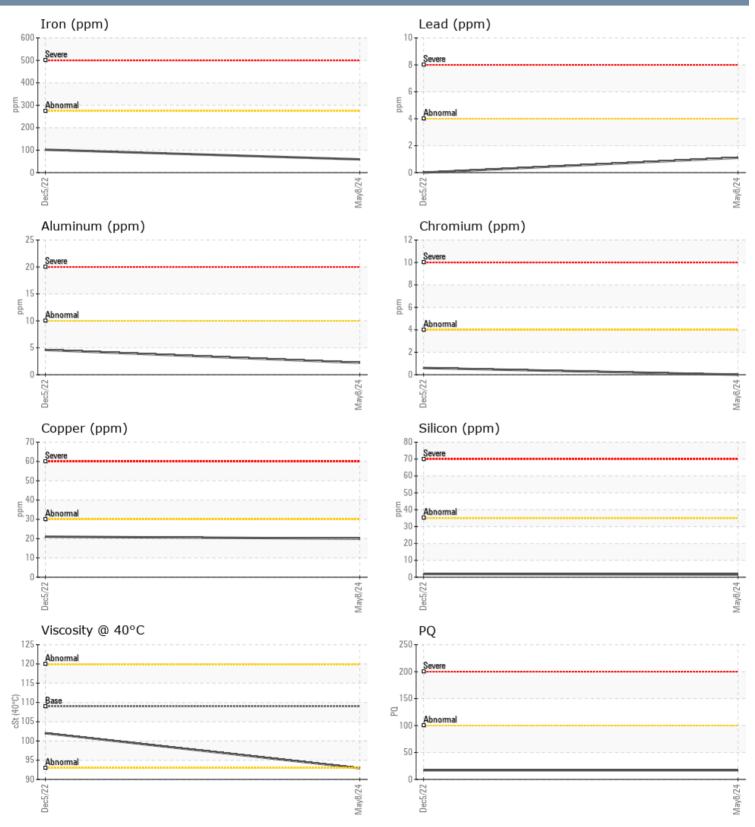
Depot: VP1298996 Unique No: 11062645 Signed: Doug Bogart **Report Date:** 09 Jun 2024

Contact/Location: Service Manager - VP1298996

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GRAPHS



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