OIL ANALYSIS REPORT

VOLVO PENTA 320002547 (S/N 3200002547) - CENTER IPS BARDIN

Sample No: VPA054171

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION VPA054171 VPA041188 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 87.2 107 CONTAMINATION % Water NEG NEG Silicon ppm 2 2 Sodium 5 5 ppm Potassium ppm 3 0 WEAR METALS PO 20 14 102 133 Iron ppm Copper 16 20 ppm Lead 0 <1 ppm 0 Tin ■ <1 ppm 2 3 Aluminum ppm Chromium ■<1 < 1 ppm 0 <1 Molybdenum ppm 3 Nickel ppm 1 🔲 Titanium 0 0 ppm Silver 0 0 ppm 2 **4** Manganese ppm Vanadium 0 0 ppm **ADDITIVES** Calcium 15 ppm 6 Magnesium ppm 4 17 Zinc ppm 4 12 Phosphorus ppm 399 1352 Barium 0 ppm 0 Boron ppm 37 316



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.

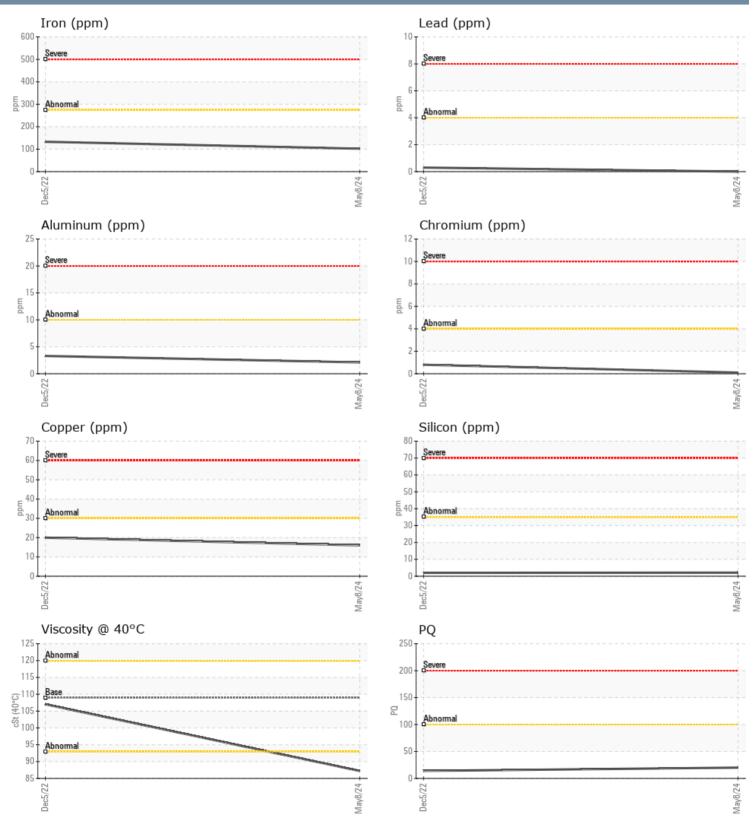
Depot: VP1298996 Unique No: 11062646 Signed: Doug Bogart **Report Date:** 09 Jun 2024

Contact/Location: Service Manager - VP1298996

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GRAPHS



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