OIL ANALYSIS REPORT

GINGRAS VOLVO PENTA A549621 - DIESEL ENGINE

Sample No: VPA052356

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA052356 Sample Number Sample Date 22 May 2024 Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.3 Base Number (BN) mg KOH/g 9.1 Oxidation (PA) % 57 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 46 % Sulfation (PA) 57 Glycol % NEG Fuel % <1.0 Silicon 8 ppm Sodium 2 ppm Potassium 9 ppm WEAR METALS 15 Iron ppm 3 Copper ppm Lead ■ <1 ppm Tin ■ <1 ppm Aluminum ppm 1 Chromium ppm <1 Molybdenum ppm 7 Nickel ■ <1</p> ppm Titanium ppm **||** <1 Silver ■ <1 ppm Manganese 0 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1989 ppm Magnesium 114 ppm Zinc ppm 1143 Phosphorus ppm 972 Barium 0 ppm Boron ppm **191**

Dry Harbour Marine 06357 US 31 South CHARLEVOIX, MI US 49720 Contact: Anne McPhillips anne@dryharbourmarine.com T:

Diagnosis

No corrective action is recommended at this time. 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP231375

 Unique No:
 11045500

 Signed:
 Sean Felton

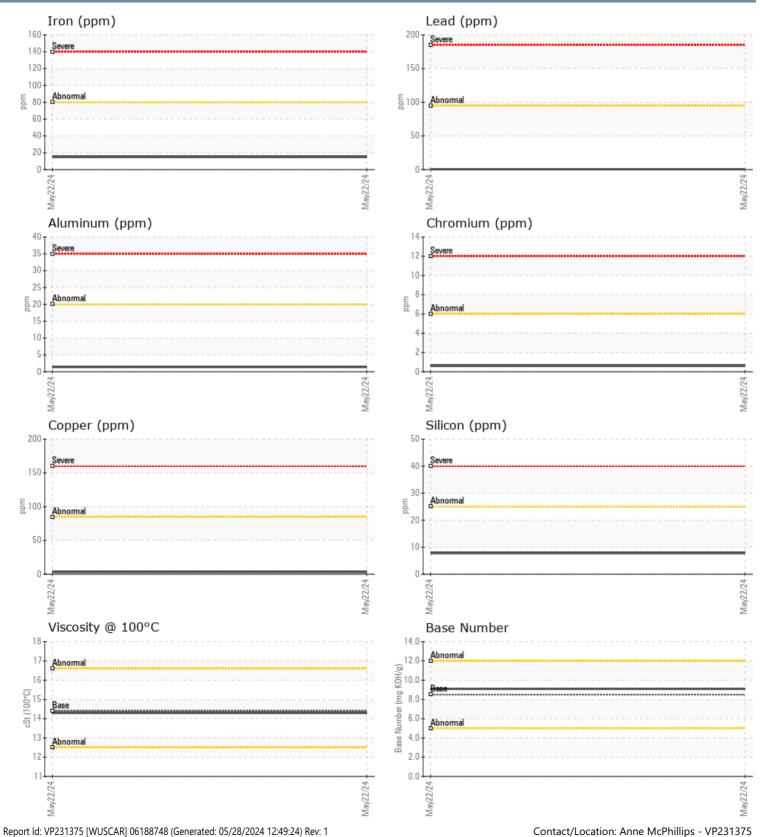
 Report Date:
 28 May 2024

Contact/Location: Anne McPhillips - VP231375

OIL ANALYSIS REPORT



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