OIL ANALYSIS REPORT

VOLVO PENTA

GINGRAS KOHLER SGM320DJLT - GENSET

Sample No: VPA052360

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA052360 Sample Number Sample Date 22 May 2024 Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.5 Base Number (BN) mg KOH/g 9.0 Oxidation (PA) % 62 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 46 % Sulfation (PA) 54 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium 2 ppm Potassium 8 🔲 ppm WEAR METALS Iron 4 ppm **||** <1 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 1 Chromium ppm <1 Molybdenum ppm 12 Nickel 0 ppm Titanium ppm **||** <1 Silver ppm ■ <1 Manganese 0 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1999 ppm Magnesium **192** ppm Zinc ppm 1196 Phosphorus ppm 988 Barium 0 ppm Boron ppm 190

Dry Harbour Marine

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

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:
 11045498

 Signed:
 Sean Felton

 Report Date:
 28 May 2024

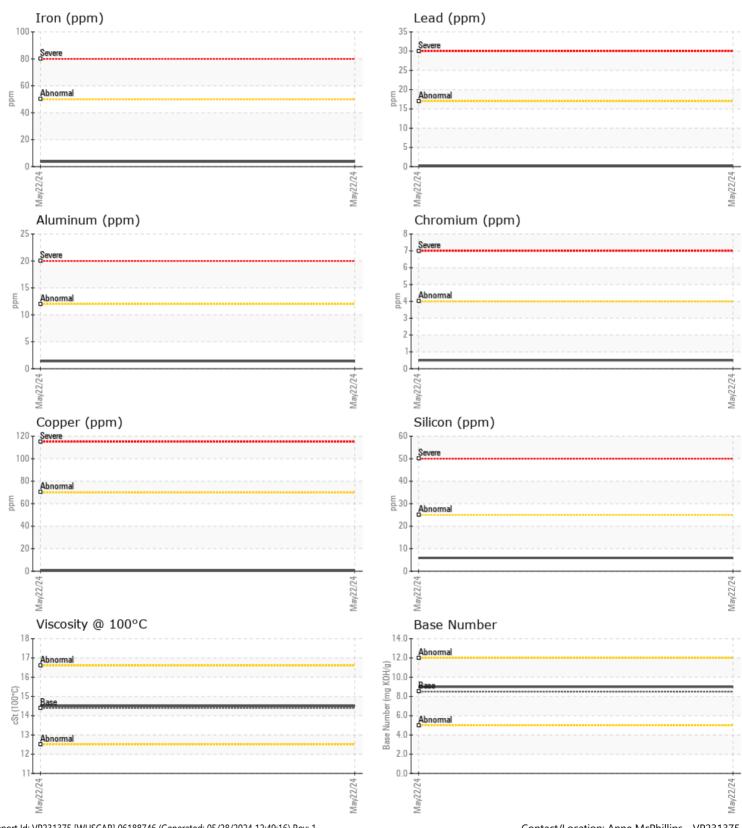
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Contact/Location: Anne McPhillips - VP231375

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GRAPHS



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Contact/Location: Anne McPhillips - VP231375