OIL ANALYSIS REPORT

VOLVO PENTA

ONAN ONAN - VPA048737 (S/N NOT GIVEN) - GENSET

Sample No: VPA048737

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA048737 Sample Number Sample Date 12 Jul 2023 Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: cSt Visc @ 100°C 13.6 Base Number (BN) mg KOH/g 10.0 Oxidation (PA) % 55 CONTAMINATION Soot % % 0.1 % Nitration (PA) 40 Sulfation (PA) % 50 % Glycol NEG Fuel % <1.0 Silicon ppm 5 Sodium **||** <1 ppm Potassium 3 ppm WEAR METALS Iron ppm 6 Copper **||** <1 ppm Lead ppm <1 Tin **||** <1 ppm Aluminum <1 ppm Chromium **||** < 1 ppm Molybdenum 58 ppm Nickel ■ <1 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1164 ppm Magnesium 1013 ppm Zinc ppm 1326 Phosphorus ppm 1079 Barium ppm 1 🔲 Boron ppm 10

Viking Boat Harbor Inc

1121 S. Islington Rd. CEDARVILLE, MI US 49719 Contact: Steve Honnila stevehonnila@gmail.com T: E:

Diagnosis

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:
 VP155388

 Unique No:
 10562039

 Signed:
 Don Baldridge

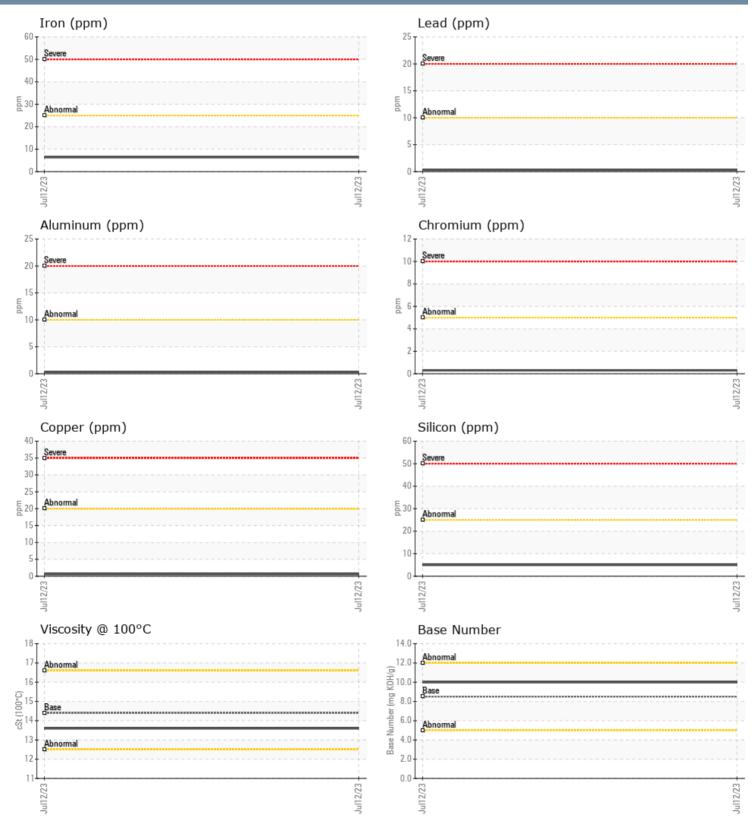
 Report Date:
 19 Jul 2023

Contact/Location: Steve Honnila - VP155388

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP155388 [WUSCAR] 05900683 (Generated: 07/20/2023 22:08:47) Rev: 1

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