OIL ANALYSIS REPORT

VOLVO PENTA

CHESAPEAKE ONAN B190495428 - GENSET

Sample No: VPA058203

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA058203 Sample Number 31 Jul 2023 Sample Date Machine Hours 0 0 **Oil Hours** N/A Oil Changed NORMAL Sample Status T: **OIL CONDITION** F: Visc @ 100°C cSt 12.8 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) % 61 CONTAMINATION Soot % % 0.1 % Nitration (PA) 42 Sulfation (PA) % 53 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium **||** <1 ppm Potassium ppm **||** <1 WEAR METALS Iron ppm 4 Copper **||** <1 ppm Lead ppm 0 Tin 0 ppm Aluminum 1 ppm Chromium **||** < 1 ppm Molybdenum 49 ppm Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1136 ppm Magnesium 846 ppm Zinc ppm 1142 Phosphorus ppm 920 Barium ppm 0 🔲 Boron ppm 16

Outstanding Marine

PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net 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:
 VP153685

 Unique No:
 10579917

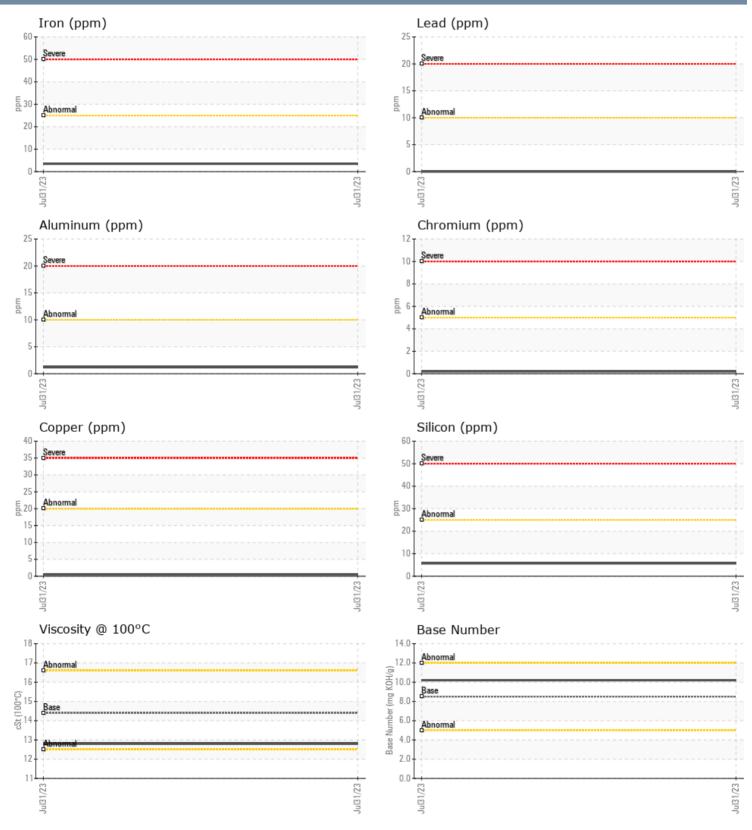
 Signed:
 Sean Felton

 Report Date:
 03 Aug 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153685 [WUSCAR] 05913265 (Generated: 08/04/2023 02:19:16) Rev: 1

Contact/Location: Ronda Bolinger - VP153685