OIL ANALYSIS REPORT

BILL BENDA ONAN BILL BENDA (S/N NOT GIVEN) - GENSET

Sample No: VPA036179

Oil Type: SHELL ROTELLA T4 15W40

SAMPLE INFORMATION VPA036179 VPA044093 Sample Number Sample Date 11 Oct 2023 17 Nov 2022 Machine Hours 0 0 0 0 **Oil Hours** Oil Changed Not Changd Changed NORMAL Sample Status NORMAL **OIL CONDITION** F: 14.0 Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 8.5 10.1 Oxidation (PA) % 68 73 CONTAMINATION 0.1 Soot % % 0.1 % Nitration (PA) 56 62 Sulfation (PA) % 57 61 % Glycol NEG NEG Fuel % <1.0 < 1.0 Silicon ppm 3 4 Sodium 2 < 1 ppm Potassium ppm **4** 6 WEAR METALS Iron ppm 3 5 Copper 1 2 ppm 0 Lead ppm 0 Tin 0 0 ppm Aluminum 1 ppm ■ <1 < 1 Chromium 0 ppm Molybdenum 18 ppm 4 Nickel 0 0 ppm Titanium 0 0 ppm Silver ppm 0 0 Manganese 0 🔲 < 1 ppm Vanadium 0 0 ppm **ADDITIVES** Calcium 1910 1928 ppm Magnesium 60 254 ppm **1033** 1186 Zinc ppm Phosphorus ppm 861 988 Barium ppm 0 🔲 0 Boron ppm 176 130

BAY MARINE 3 E MADISON ST

WAUKEGAN, IL US 60085 Contact: BRENDAN COWHEY brendan@baymarine.net T: (847)336-2628

VOLVO PENTA

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 acceptable for the time in service.

 Depot:
 VP1174336

 Unique No:
 10698227

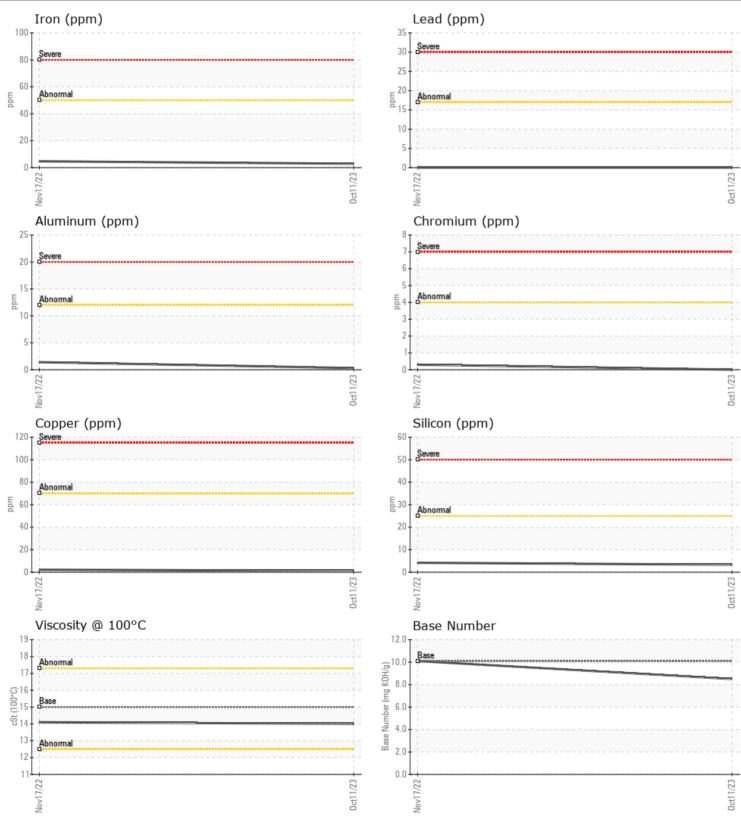
 Signed:
 Don Baldridge

 Report Date:
 18 Oct 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1174336 [WUSCAR] 05980932 (Generated: 10/19/2023 08:32:44) Rev: 1

Contact/Location: BRENDAN COWHEY - VP1174336