OIL ANALYSIS REPORT

GREG PALIVOS CMS VOLVO PENTA 2013806278 - PORT DIESEL ENGINE

Sample No: VPA056649

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA056649 Sample Number Sample Date 19 Dec 2023 Machine Hours 1510 **Oil Hours** 224 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.55 Base Number (BN) mg KOH/g 9.5 Oxidation (PA) % 59 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 48 % Sulfation (PA) 53 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium **||** <1 ppm Potassium 2 ppm WEAR METALS Iron 2 ppm 3 Copper ppm Lead 0 🔲 ppm Tin ■ <1 ppm Aluminum ppm 1 Chromium 0 ppm Molybdenum 53 ppm Nickel 0 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** < 1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1061 ppm Magnesium 845 ppm Zinc ppm 1131 Phosphorus ppm 937 Barium 0 🔲 ppm Boron ppm 7

VOLVO PENTA

CY MARINE LLC

3821 NW 135th ST, SUITE F OPA LOCKA, FL US 33054 Contact: CAMERON MEDINA cymarinellc@gmail.com T: (954)702-8096 F: x:

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 level is low. The condition of the oil is acceptable for the time in service.

 Depot:
 VPCYMPOM

 Unique No:
 10796235

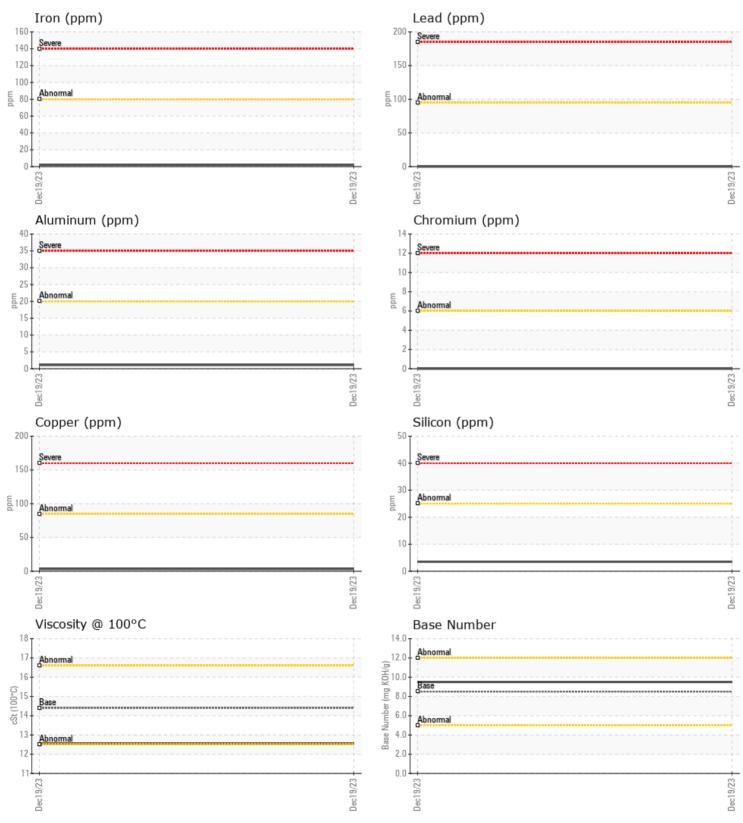
 Signed:
 Doug Bogart

 Report Date:
 20 Dec 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPCYMPOM [WUSCAR] 06041006 (Generated: 12/20/2023 16:30:26) Rev: 1

Contact/Location: CAMERON MEDINA - VPCYMPOM