OIL ANALYSIS REPORT

NOTORIOUS VOLVO PENTA A 1082932 - PORT DIESEL ENGINE

Sample No: VPA058061

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA058061 VPA049883 Sample Number Sample Date 08 Dec 2023 02 Oct 2023 Machine Hours 693 686 0 **Oil Hours** 0 Oil Changed N/A N/A NORMAL NORMAL Sample Status **OIL CONDITION** 13.8 Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 10.2 9.3 Oxidation (PA) % 53 57 CONTAMINATION Water % NEG NFG % Soot % 0.3 1.3 Nitration (PA) % 42 68 Sulfation (PA) % 50 57 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 4 6 ppm Sodium 2 3 ppm Potassium 2 4 ppm WEAR METALS 28 Iron 8 ppm 2 9 Copper ppm Lead ppm **||** < 1 < 1 Tin ■ <1 □ < 1 ppm Aluminum 2 ppm 2 Chromium <1 < 1 ppm Molybdenum 60 ppm 59 Nickel 1 2 ppm Titanium ppm **||** <1 0 Silver 0 0 ppm Manganese < 1 <1 ppm Vanadium 0 ppm <1 **ADDITIVES** 1052 Calcium 1008 ppm 947 1005 Magnesium ppm Zinc ppm 1206 1322 Phosphorus ppm 983 1060 Barium 11 0 ppm Boron ppm 0 2

3600 HACIENDA BLVD UNIT G DAVIE, FL

Marine International Diesels Inc.

VOLVO PENTA

US 33314 Contact: ASHANTI BURKE aburke@midiflorida.com T: (954)761-1086 F: (954)761-1186

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:
 VP694356

 Unique No:
 10782371

 Signed:
 Doug Bogart

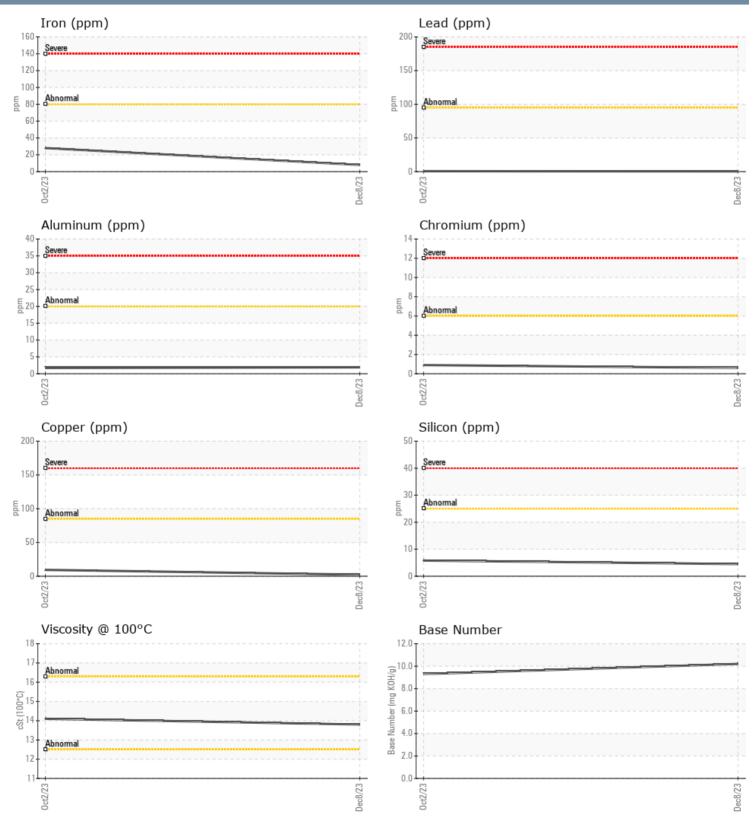
 Report Date:
 14 Dec 2023

Contact/Location: ASHANTI BURKE - VP694356

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP694356 [WUSCAR] 06032580 (Generated: 12/14/2023 13:56:06) Rev: 1

Contact/Location: ASHANTI BURKE - VP694356