OIL ANALYSIS REPORT

LENNOX MARINE VOLVO PENTA 20132073320 - PORT DIESEL ENGINE

Sample No: VPA021939

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA021939 Sample Number Sample Date 16 May 2024 Machine Hours 216 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C 14.07 cSt Base Number (BN) mg KOH/g 8.4 Oxidation (PA) % 55 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 46 % Sulfation (PA) 50 Glycol % NEG Fuel % <1.0 Silicon 12 ppm Sodium **||** <1 ppm Potassium 6 🔲 ppm WEAR METALS Iron 7 ppm 3 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum ppm 4 Chromium ppm 0 Molybdenum 43 ppm 0 Nickel ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1401 ppm Magnesium 609 ppm Zinc ppm 1235 Phosphorus ppm 1036 Barium 0 ppm 49 Boron ppm

VOLVO PENTA

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

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 VP153685

 Unique No:
 11036218

 Signed:
 Sean Felton

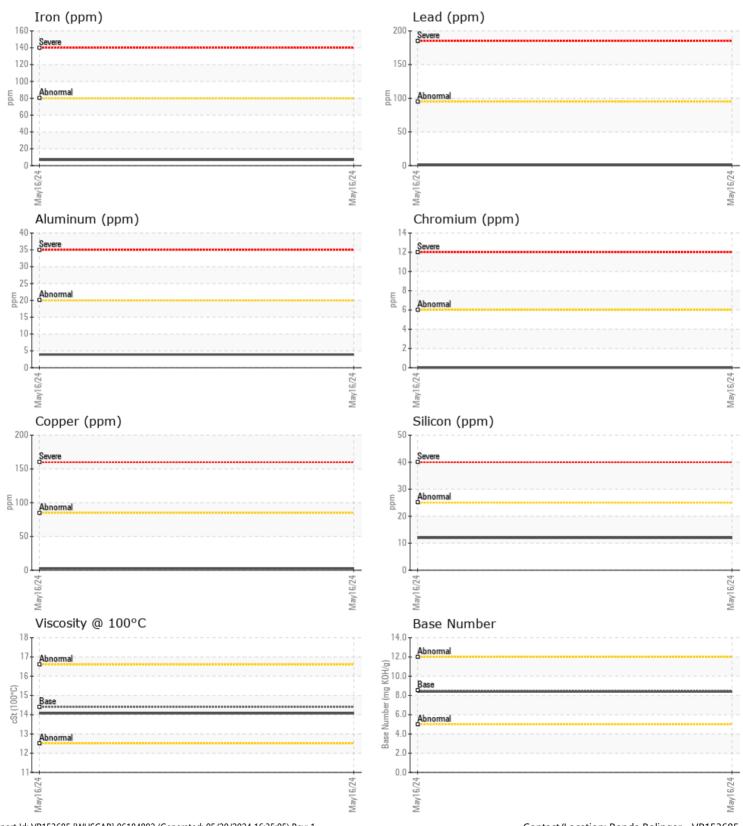
 Report Date:
 20 May 2024

Contact/Location: Ronda Bolinger - VP153685

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GRAPHS



Report Id: VP153685 [WUSCAR] 06184892 (Generated: 05/20/2024 16:35:05) Rev: 1

Contact/Location: Ronda Bolinger - VP153685