## **OIL ANALYSIS REPORT**

### ENGEL 520-200 JAY VOLVO PENTA A 1140927 - PORT DIESEL ENGINE

Sample No: VPA021828

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA021828 Sample Number Sample Date 19 Dec 2023 Machine Hours 93 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C 13.7 cSt Base Number (BN) mg KOH/g 10.2 Oxidation (PA) % 54 CONTAMINATION Water % NEG % Soot % 0.2 Nitration (PA) % 39 Sulfation (PA) % 52 Glycol % NEG Fuel % <1.0 Silicon 7 ppm Sodium **||** <1 ppm Potassium 0 ppm WEAR METALS Iron 8 🔲 ppm 3 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 1 Chromium <1 ppm 58 Molybdenum ppm Nickel **||** <1 ppm Titanium ppm **||** <1 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1052 ppm 954 Magnesium ppm Zinc ppm 1239 Phosphorus ppm 1039 Barium 0 🔲 ppm Boron ppm 3

**Outstanding Marine** 

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

#### 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 suitable for further service.

 Depot:
 VP153685

 Unique No:
 10816285

 Signed:
 Sean Felton

 Report Date:
 04 Jan 2024

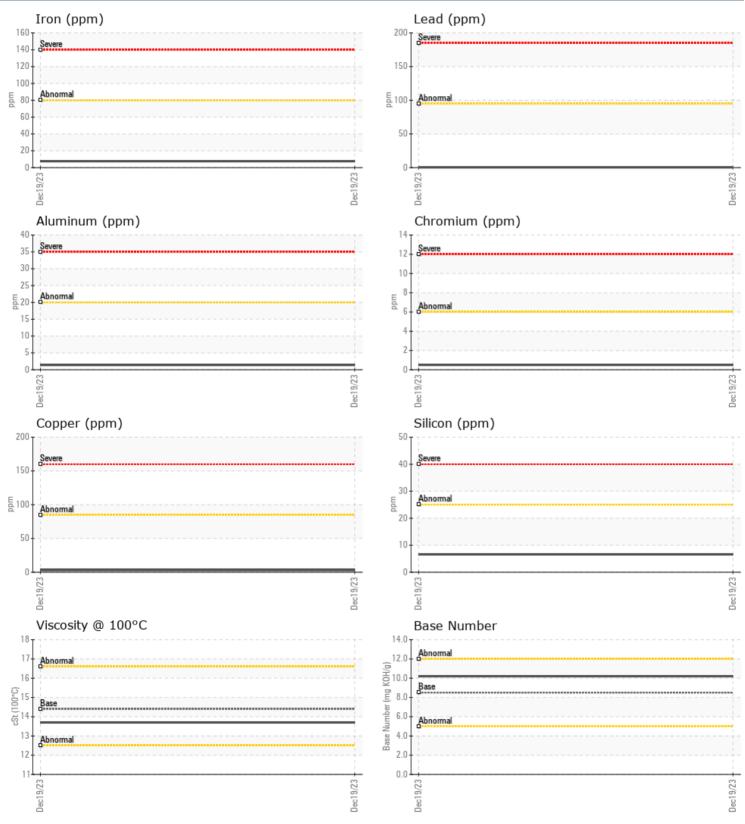
Contact/Location: Ronda Bolinger - VP153685



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP153685 [WUSCAR] 06050336 (Generated: 01/04/2024 16:24:56) Rev: 1

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