## **OIL ANALYSIS REPORT**

#### VOLVO PENTA 1101056313 - PORT DIESEL ENGINE **MATT PARENT** 7718920

Sample No: VPA044692

**Oil Type:** VOLVO VDS-4.5 Premium Motor Oil 15W40

#### SAMPLE INFORMATION VPA044692 Sample Number 19 Feb 2024 Sample Date Machine Hours 751 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: 13.8 Visc @ 100°C cSt Base Number (BN) mg KOH/g 7.6 Oxidation (PA) % 54 CONTAMINATION Water % NEG % Soot % 0.5 Nitration (PA) % 68 Sulfation (PA) % 52 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 6 🔲 ppm Potassium 4 ppm WEAR METALS Iron 13 ppm 6 Copper ppm Lead 18 ppm Tin 1 ppm Aluminum ppm 4 Chromium <1 ppm Molybdenum 18 ppm Nickel 2 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1367 ppm 736 Magnesium ppm Zinc ppm 927 Phosphorus ppm 760 Barium 0 🔲 ppm Boron ppm 102 Depot: Unique No: Signed:

VP99031103

10888223

Sean Felton

22 Feb 2024



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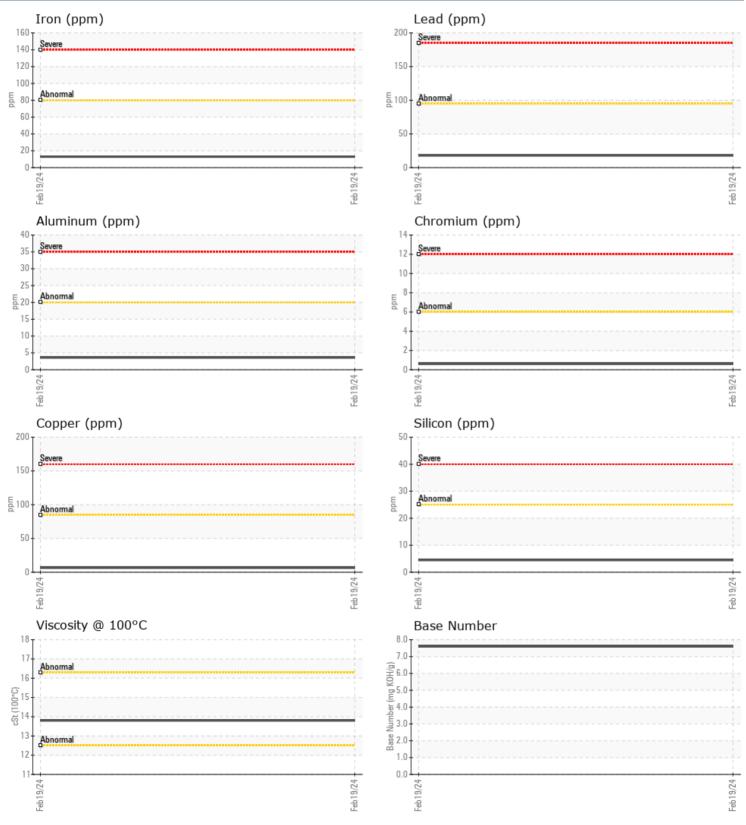
### Diagnosis

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.

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### GRAPHS



Report Id: VP99031103 [WUSCAR] 06095370 (Generated: 02/22/2024 15:28:11) Rev: 1

Contact/Location: PAT RYAN - VP99031103