## **OIL ANALYSIS REPORT**

### 15080 VOLVO PENTA A218233 - PORT DIESEL ENGINE

Sample No: VPA056468

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION VPA056468 Sample Number Sample Date 18 Aug 2023 Machine Hours 549 **Oil Hours** 10 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Τ· F: Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 9.2 Oxidation (PA) % 64 CONTAMINATION Soot % % 0.1 % Nitration (PA) 43 Sulfation (PA) % 56 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium 2 ppm Potassium 7 ppm WEAR METALS Iron ppm 6 1 Copper ppm Lead ppm <1 Tin 0 ppm Aluminum <1 ppm Chromium 0 ppm Molybdenum 12 ppm Nickel 0 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese **||** <1 ppm <1 Vanadium ppm **ADDITIVES** Calcium 2000 ppm Magnesium 201 ppm Zinc ppm 1194 Phosphorus ppm 997



W J Clark Inc

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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.

 Depot:
 VP151520

 Unique No:
 10615933

 Signed:
 Sean Felton

 Report Date:
 23 Aug 2023

**□**0 **□**179

ppm

ppm

Barium

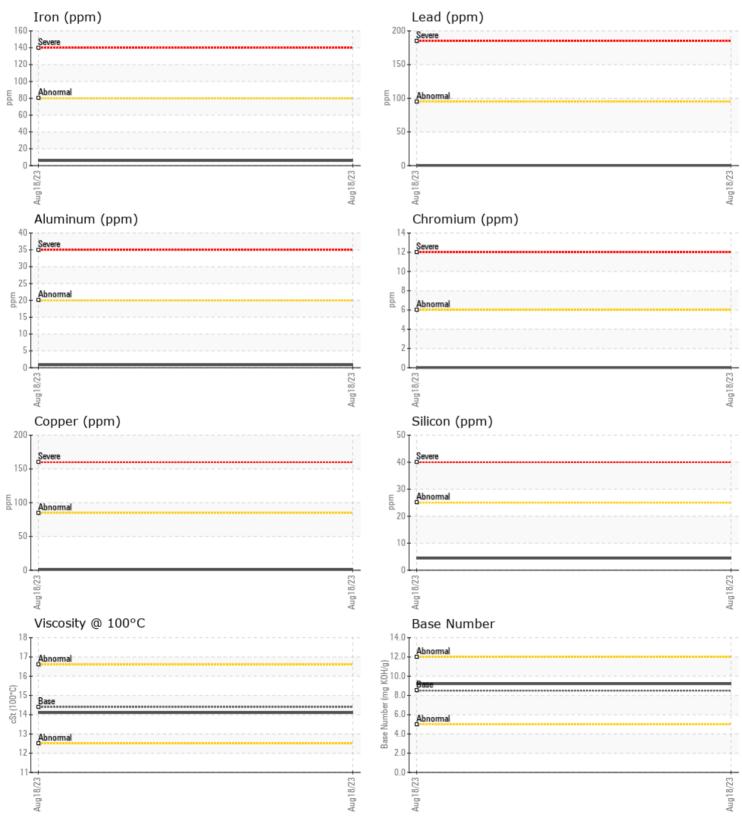
Boron

Contact/Location: WALTER CLARK - VP151520

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP151520 [WUSCAR] 05930662 (Generated: 08/23/2023 14:24:20) Rev: 1

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