## **OIL ANALYSIS REPORT**

#### DAN DEDDO 7719437 VOLVO PENTA A 1068990 - CENTER DIESEL ENGINE

Sample No: VPA054048

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

#### SAMPLE INFORMATION VPA054048 Sample Number Sample Date 09 Apr 2024 7215 S 228th St Machine Hours 149 Kent, WA **Oil Hours** 149 US 98032 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 9.9 Oxidation (PA) % 51 CONTAMINATION % NEG Water % Soot % 0.6 Nitration (PA) % 48 % Sulfation (PA) 51 Glycol % NEG Fuel % <1.0 Silicon 12 ppm Sodium 1 ppm Potassium **||** <1 ppm WEAR METALS 26 Iron ppm 9 Copper ppm Lead ppm 3 Tin 1 ppm Aluminum ppm 11 Chromium <1 ppm 60 🔲 Molybdenum ppm Nickel ■ <1 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm 0 **ADDITIVES** 1082 Calcium ppm Magnesium 968 ppm Zinc ppm 1270 Phosphorus ppm 1075 Barium 0 🔲 ppm Boron ppm 4 Depot: Unique No: Signed:

Pacific Power Group - VP981534

Contact: PAT RYAN pryan@pacificpowergroup.com T: (253)520-5163

## 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.

**Report Date:** 

VP99031103

Jonathan Hester

10992756

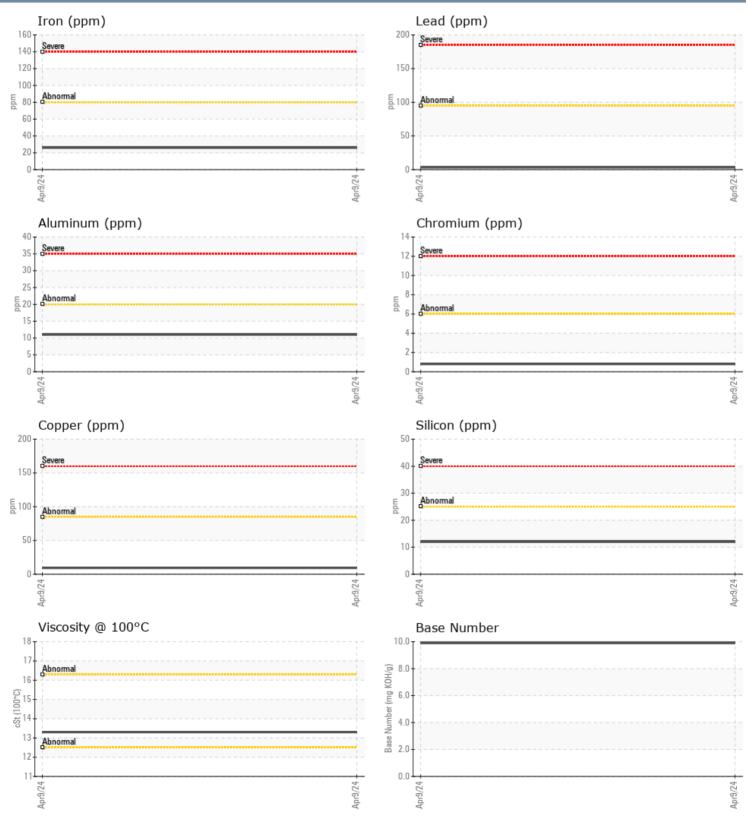
25 Apr 2024



# **OIL ANALYSIS REPORT**



### GRAPHS



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