OIL ANALYSIS REPORT

SETH SIEGAL 7718983 VOLVO PENTA A 1030442 - CENTER DIESEL ENGINE

Sample No: VPA044654

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

SAMPLE INFORMATION VPA044654 Sample Number Sample Date 04 Mar 2024 Machine Hours 236 236 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: 13.8 Visc @ 100°C cSt Base Number (BN) mg KOH/g 8.2 Oxidation (PA) % 48 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 61 Sulfation (PA) % 47 Glycol % NEG Fuel % <1.0 Silicon 7 ppm Sodium 3 ppm Potassium 7 ppm WEAR METALS 16 Iron ppm 7 Copper ppm Lead ppm 3 Tin ■ <1 ppm Aluminum ppm 6 Chromium <1 ppm Molybdenum ppm 1 Nickel ■ <1</p> ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm 0 **ADDITIVES** 1371 Calcium ppm Magnesium 772 ppm Zinc ppm 838 Phosphorus ppm 733 Barium 0 🔲 ppm Boron ppm 106 Depot:

VOLVO PENTA

Pacific Power Group - VP981534 7215 S 228th St Kent, WA US 98032 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 acceptable for the time in service.

VP99031103 Unique No: 10925152 Signed: Doug Bogart **Report Date:** 14 Mar 2024

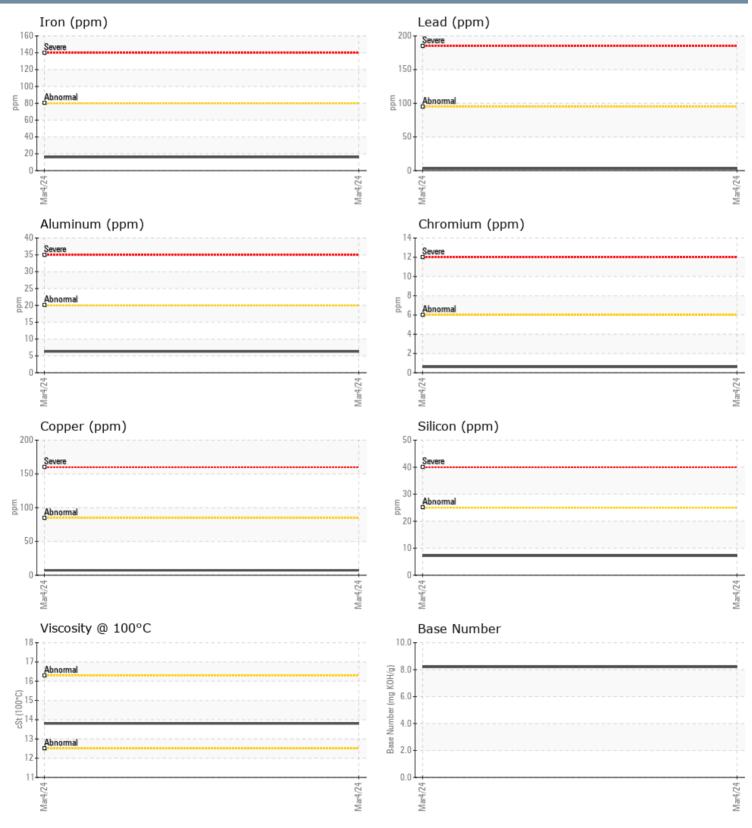
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