OIL ANALYSIS REPORT

TONY WHITLOCK 3965 VOLVO PENTA 2071189499 - PORT DIESEL ENGINE

Sample No: VPA062980

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA062980 Sample Number Sample Date 01 Jun 2024 Machine Hours 833 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status Т٠ **OIL CONDITION** F٠ Visc @ 100°C cSt 13.9 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 62 CONTAMINATION % NEG Water % Soot % 0.3 Nitration (PA) % 57 % Sulfation (PA) 52 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium **4** ppm Potassium 2 ppm WEAR METALS 10 Iron ppm 6 Copper ppm Lead ppm 1 🗌 Tin 0 ppm Aluminum 7 ppm Chromium ppm <1 Molybdenum 40 ppm Nickel ■ <1</p> ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1440 ppm Magnesium 457 ppm Zinc ppm 1168 Phosphorus ppm 891 Barium 0 ppm Boron ppm 45 Depot:

Contact/Location: CHRIS BRADSHAW - VP1165983

WESTERN BRANCH DIESEL 6881 BULLDOG DR N

CHARLESTON, SC US 29406 Contact: CHRIS BRADSHAW cbradshaw@wbdiesel.com T:

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.

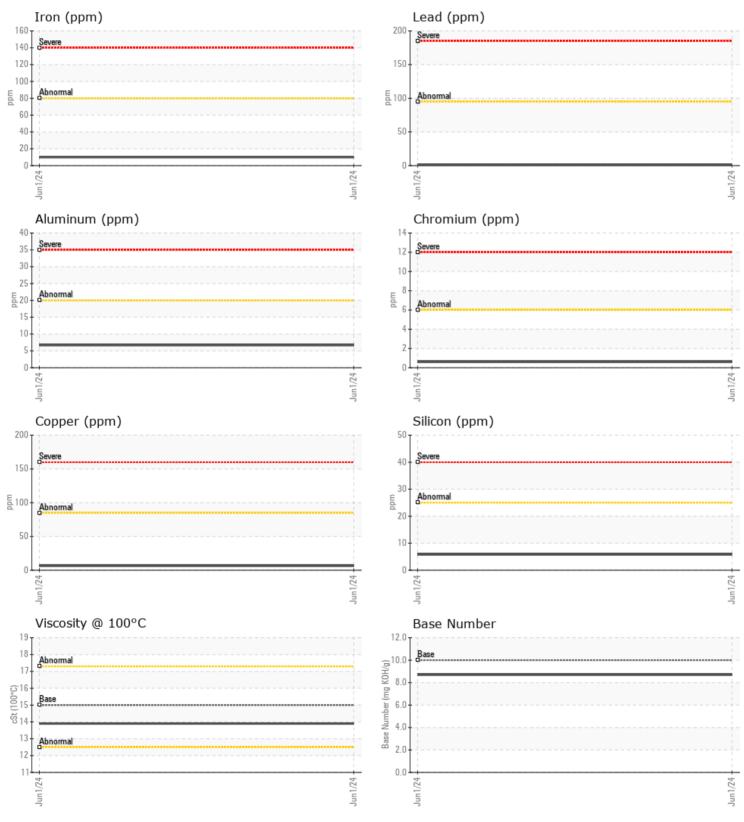


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GRAPHS



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