OIL ANALYSIS REPORT

ANDREW GEMT CB VOLVO PENTA 7008508341 - PORT DIESEL ENGINE

Sample No: VPA044332

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

SAMPLE INFORMATION VPA044332 Sample Number **DIMILLO`S YACHT SALES** 12 Jul 2023 Sample Date Machine Hours 900 **Oil Hours** 1 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: 13.8 Visc @ 100°C cSt Base Number (BN) mg KOH/g 10.5 Oxidation (PA) % 53 CONTAMINATION Soot % % 0.2 % Nitration (PA) 41 Sulfation (PA) % 50 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium 1 ppm Potassium ppm 0 🔲 WEAR METALS 11 Iron ppm 20 Copper ppm Lead ppm 0 Tin 0 ppm Aluminum ppm 1 Chromium **||** < 1 ppm Molybdenum ppm 62 Nickel ■ <1 ppm Titanium ■<1 ppm Silver ppm 0 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1154 ppm Magnesium 1074 ppm 🔳 1319 Zinc ppm Phosphorus ppm 1083 Barium ppm 0 Boron ppm 0 Depot:

1 LONG WHARF PORTLAND, ME US 04101 Contact: LANE DEARING lane@dimillos.com T: (207)891-3652

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.

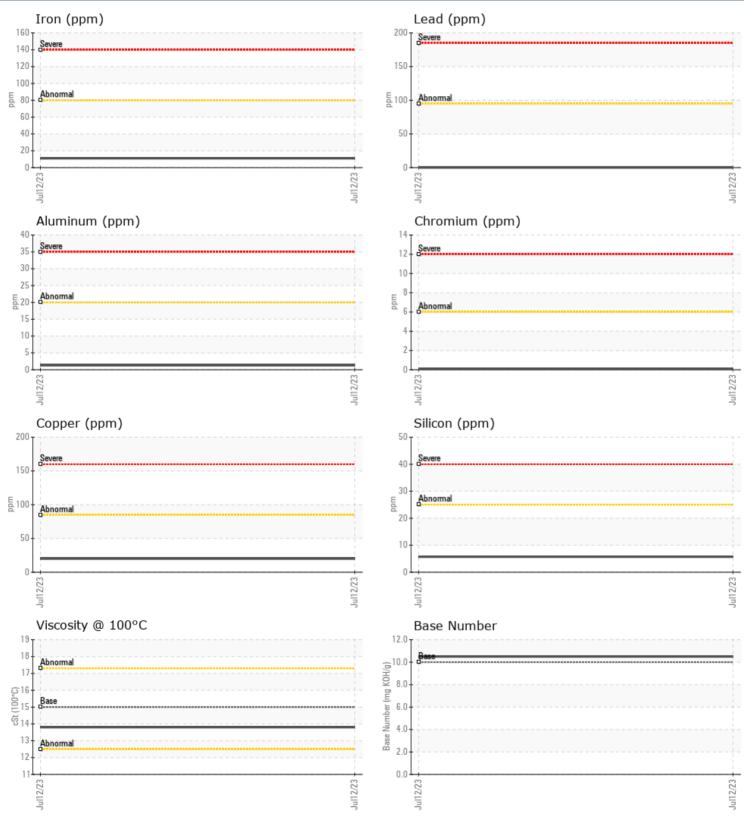
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GRAPHS



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