OIL ANALYSIS REPORT

DOUGLAS SLATER ALAN VOLVO PENTA 2071163511 - PORT DIESEL ENGINE

VPA059796 Sample No:

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

SAMPLE INFORMATION VPA059796 Sample Number Sample Date 16 Nov 2023 Machine Hours 1012 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** T: F: Visc @ 100°C 14.0 cSt Base Number (BN) mg KOH/g 9.4 Oxidation (PA) % 66 CONTAMINATION Water % NEG % Soot % 0.6 Nitration (PA) % 68 Sulfation (PA) % 58 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium 3 ppm Potassium **||** <1 ppm WEAR METALS Iron 8 🔲 ppm 26 Copper ppm Lead ppm 2 Tin ■ <1 ppm Aluminum ppm 2 Chromium <1 ppm Molybdenum 51 ppm Nickel **4** ppm Titanium ppm **||** <1 Silver 0 ppm Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1471 ppm Magnesium 566 ppm Zinc ppm 1246 Phosphorus ppm 1021 Barium 0 🔲 ppm 46 Boron ppm Depot: Unique No:

Contact/Location: Marc Castellano - VP850387

VP850387

Precision Marine Center Llc 290 Drake Ave NEW ROCHELLE, NY US 10805 Contact: Marc Castellano marc@precisionmarinecenter.com

Diagnosis

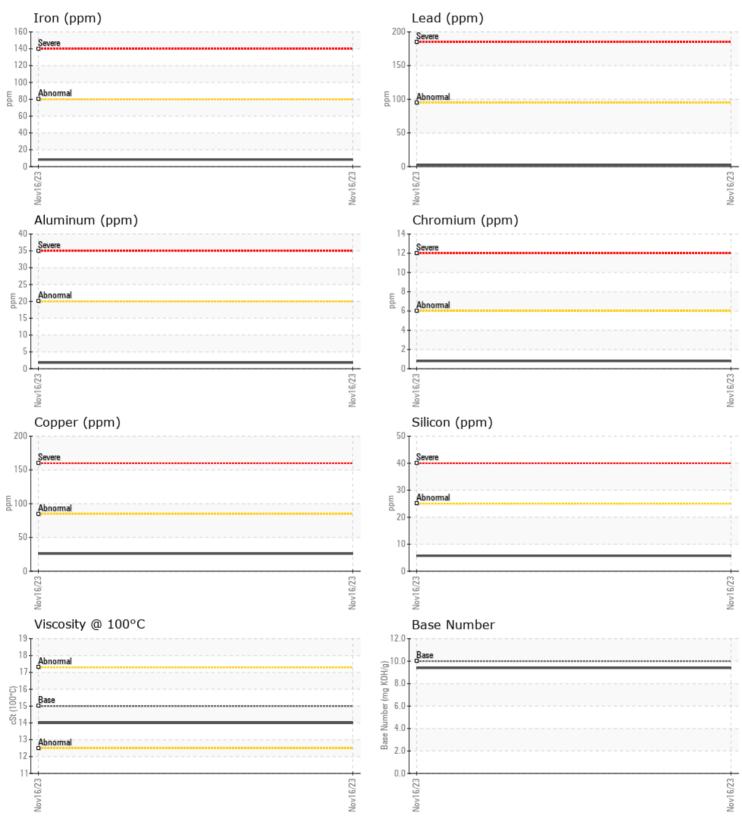
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



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GRAPHS



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