OIL ANALYSIS REPORT

SINGH VOLVO PENTA 2004017562 - PORT DIESEL ENGINE

Sample No: VPA058135

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION VPA058135 Sample Number **BAY MARINE** 05 Feb 2024 Sample Date Machine Hours 0 0 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.0 Base Number (BN) mg KOH/g 8.4 Oxidation (PA) % 71 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 64 % Sulfation (PA) 58 Glycol % NEG Fuel % <1.0 Silicon 3 ppm Sodium 0 🔲 ppm Potassium 8 🔲 ppm WEAR METALS Iron 8 🔲 ppm 3 Copper ppm Lead 0 🔲 ppm Tin 0 ppm Aluminum ppm 2 Chromium <1 ppm Molybdenum 22 ppm 0 Nickel ppm Titanium ppm 0 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 2151 ppm Magnesium 278 ppm Zinc ppm 1390 Phosphorus ppm 1043 Barium 5 ppm Boron ppm 164 Depot: Unique No: Signed:

3 E MADISON ST

WAUKEGAN, IL US 60085 Contact: BRENDAN COWHEY brendan@baymarine.net T: (847)336-2628

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.

Contact/Location: BRENDAN COWHEY - VP1174336

Report Date:

VP1174336

10863245

Don Baldridge

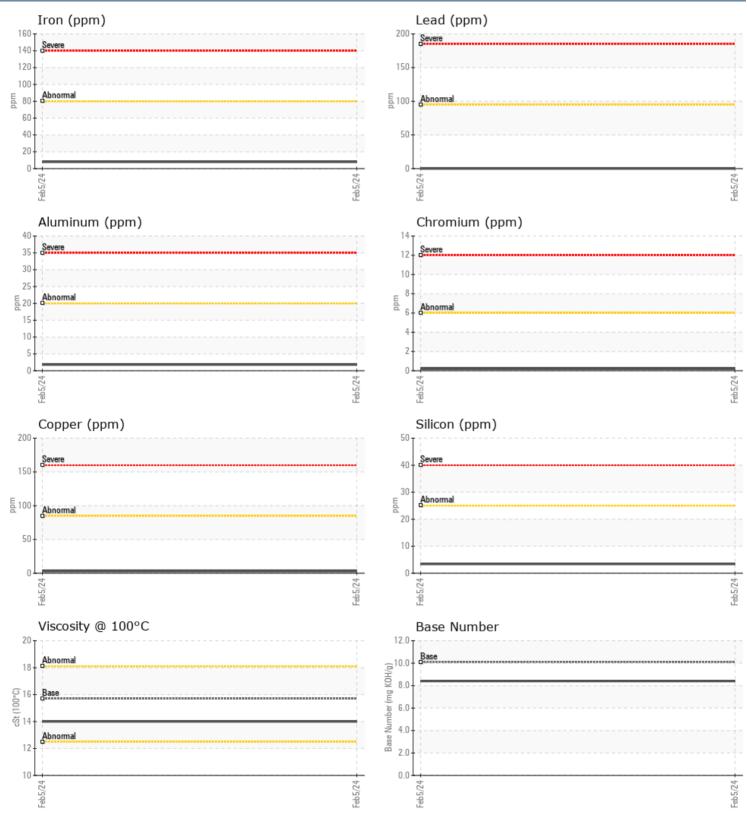
07 Feb 2024



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GRAPHS



Report Id: VP1174336 [WUSCAR] 06081154 (Generated: 02/07/2024 17:59:10) Rev: 1

Contact/Location: BRENDAN COWHEY - VP1174336