OIL ANALYSIS REPORT

VOLVO PENTA CARVER C34 (S/N UNKNOWN) - STARBOARD DIESEL ENGINE

Sample No: VPA056444

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION Sample Number VPA056444 01 Dec 2023 Sample Date Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.2 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 57 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 47 % Sulfation (PA) 52 Glycol % NEG Fuel % <1.0 Silicon 22 ppm Sodium **||** <1 ppm Potassium **||** <1 ppm WEAR METALS Iron 17 ppm 3 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum 1 ppm Chromium 0 ppm Molybdenum ppm 56 Nickel 0 🔲 ppm Titanium ppm 0 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1180 ppm Magnesium 978 ppm Zinc ppm 1432 Phosphorus ppm 1125 Barium 0 🔲 ppm Boron ppm 6

VOLVO PENTA

WEST COAST YACHTS

2600 NEWPORT BLVD, SUITE 122 NEWPORT BEACH, CA US 92663 Contact: CHRIS HERMAN chris@wcyachts.com T: (714)329-4138 F:

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.

 Depot:
 VPWESNEW

 Unique No:
 10767940

 Signed:
 Don Baldridge

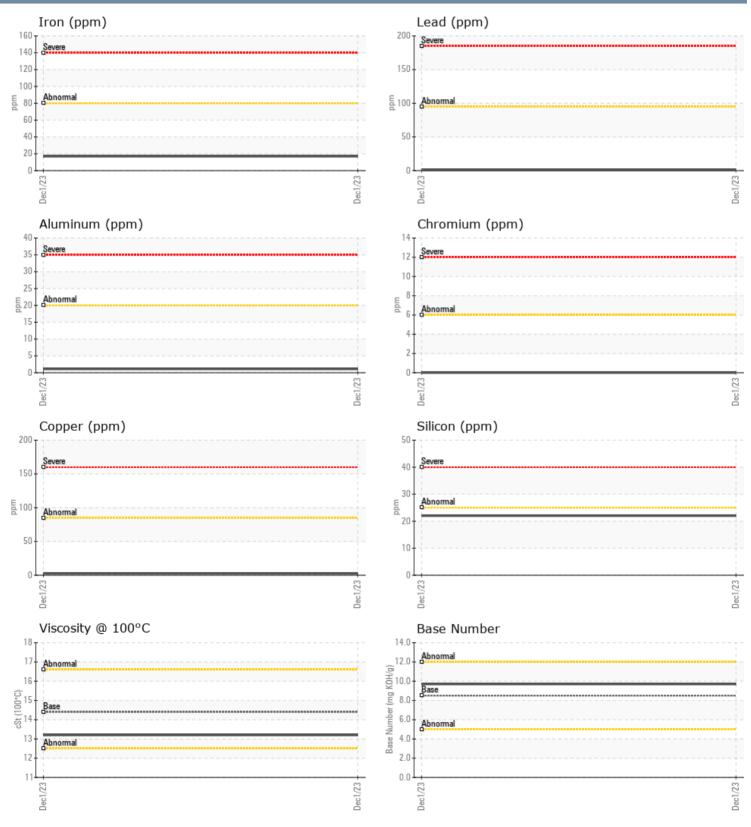
 Report Date:
 05 Dec 2023

Contact/Location: CHRIS HERMAN - VPWESNEW

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GRAPHS



Report Id: VPWESNEW [WUSCAR] 06023440 (Generated: 12/05/2023 17:01:49) Rev: 1

Contact/Location: CHRIS HERMAN - VPWESNEW