OIL ANALYSIS REPORT

ZACH MAY VOLVO PENTA A1104471 - PORT GASOLINE ENGINE

Sample No: VPA044771

Oil Type: VOLVO 10W40 FULL SYN

SAMPLE INFORMATION VPA044771 Sample Number Sample Date 15 Nov 2022 Machine Hours 75 25 **Oil Hours** Oil Changed Changed ATTENTION Sample Status **OIL CONDITION** F: Visc @ 100°C **11.6** cSt Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 11 CONTAMINATION Soot % % 0.1 % Nitration (PA) 8 Sulfation (PA) % 10 % Glycol NEG Fuel % Silicon ppm 27 Sodium 0 🔲 ppm Potassium 2 ppm WEAR METALS 10 Iron ppm 61 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum 1 ppm Chromium **||** < 1 ppm Molybdenum 39 ppm Nickel 0 ppm Titanium 0 ppm Silver ppm 0 Manganese 6 ppm 0 Vanadium ppm **ADDITIVES** Calcium 1817 ppm Magnesium 11 ppm 798 Zinc ppm Phosphorus ppm 679 Barium ppm 0 Boron ppm 3

VOLVO PENTA

CHICAGO YACHT WORKS 2550 S ASHLAND AVE CHICAGO, IL US 60608 Contact: JONATHAN PAIGE jonathan@chicagoyachtworks.com T: (312)666-6670

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VP1080862

 Unique No:
 10228318

 Signed:
 Jonathan Hester

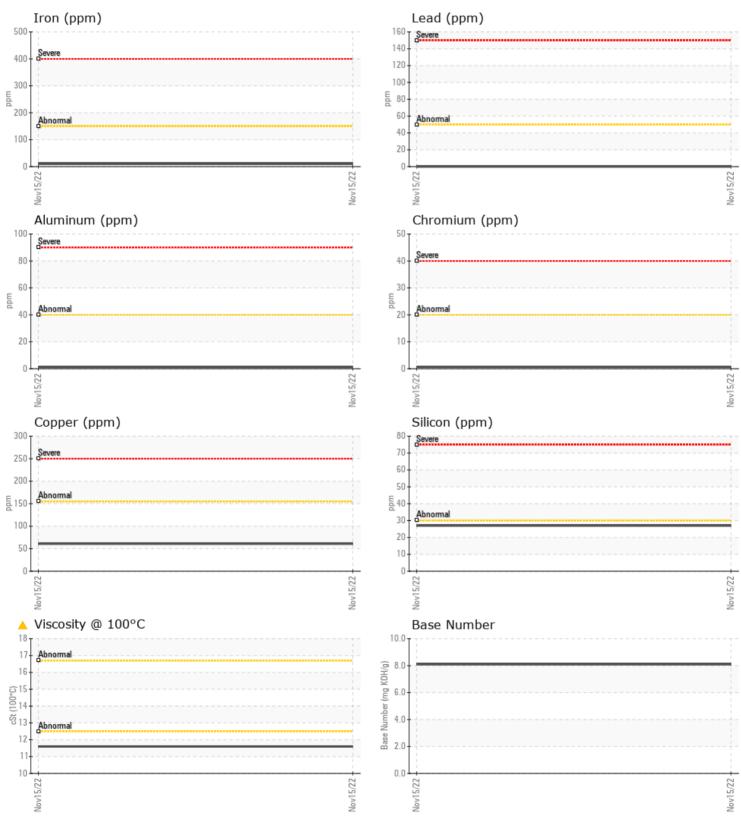
 Report Date:
 23 Nov 2022

Contact/Location: JONATHAN PAIGE - VP1080862

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GRAPHS



Report Id: VP1080862 [WUSCAR] 05698744 (Generated: 10/23/2023 12:22:59) Rev: 1

Contact/Location: JONATHAN PAIGE - VP1080862