## **OIL ANALYSIS REPORT**

### JOE WANNER MERCRUISER 1A615526 - PORT GASOLINE ENGINE

Sample No: VPA044995

Oil Type: MERCURY 25W40

#### SAMPLE INFORMATION Sample Number VPA044995 VPA038618 Sample Date 24 Oct 2022 27 Oct 2021 Machine Hours 529 463 70 **Oil Hours** 0 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C cSt 11.62 10.6 Base Number (BN) mg KOH/g 7.1 Oxidation (PA) % 17 21 CONTAMINATION % 0.119 Water ---% Soot % 0.1 0.1 Nitration (PA) % 11 13 % Sulfation (PA) 14 15 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 24 41 ppm Sodium **||** <1 4 ppm Potassium 1 ppm 1 WEAR METALS 46 Iron 37 ppm 3 5 Copper ppm Lead 7 ppm 4 Tin 1 3 ppm Aluminum 3 ppm 4 Chromium 2 1 ppm Molybdenum 39 46 ppm <1 Nickel ■ <1 ppm Titanium ppm <1 0 0 Silver ppm 0 Manganese ppm 1 1 Vanadium 0 ppm <1 **ADDITIVES** 1614 Calcium 1422 ppm 216 Magnesium 61 ppm Zinc ppm 783 828 609 674 Phosphorus ppm 0 0 Barium ppm Boron ppm 0 4

VOLVO PENTA

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

#### Diagnosis

F:

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.

 Depot:
 VP1080862

 Unique No:
 10192092

 Signed:
 Jonathan Hester

 Report Date:
 01 Nov 2022

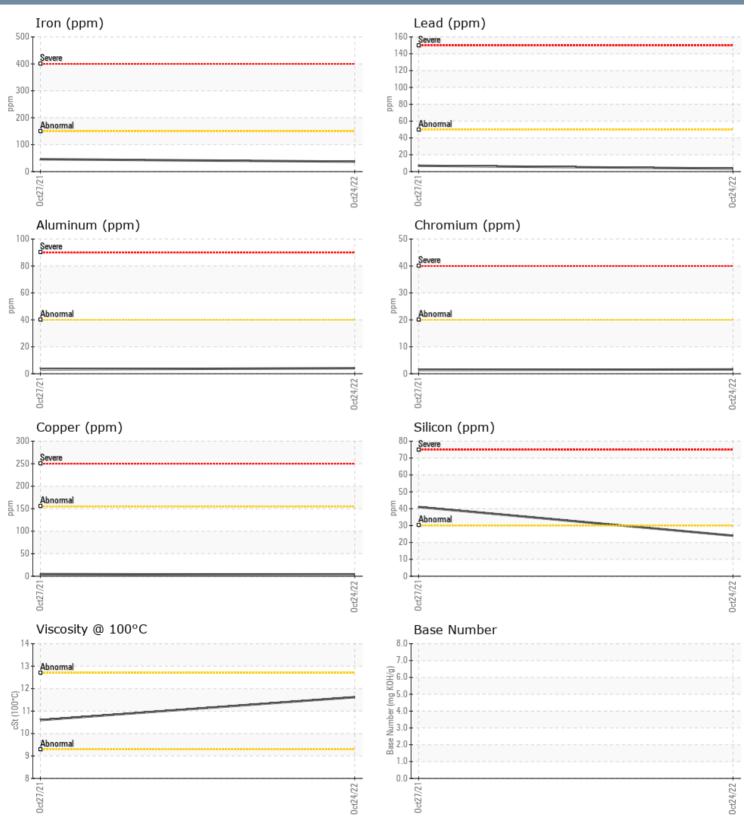
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Contact/Location: JONATHAN PAIGE - VP1080862

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#### GRAPHS



Contact/Location: JONATHAN PAIGE - VP1080862