OIL ANALYSIS REPORT

DAVID GRAY YANMAR 0386 - PORT DIESEL ENGINE

Sample No: VPA036527

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION VPA036527 Sample Number Sample Date 19 Apr 2024 Machine Hours 294 **Oil Hours** 1 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C 14.5 cSt Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 60 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 48 % Sulfation (PA) 52 Glycol % NEG Fuel % <1.0 Silicon 10 ppm Sodium 3 ppm Potassium **||** <1 ppm WEAR METALS 22 Iron ppm 2 Copper ppm Lead 0 🔲 ppm Tin 0 ppm Aluminum 21 ppm Chromium ppm 1 Molybdenum 38 ppm Nickel 0 ppm Titanium ppm **||** <1 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1633 ppm Magnesium 453 ppm Zinc ppm 1160 Phosphorus ppm 1014 Barium 0 ppm Boron ppm 75



YACHT BASIN MARINA

1866 OTTAWA BEACH RD HOLLAND, MI US 49424 Contact: OIL SAMPLE/PART kyle@yachtbasinmarina.com T: (616)786-2205

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 VP718610

 Unique No:
 10990926

 Signed:
 Sean Felton

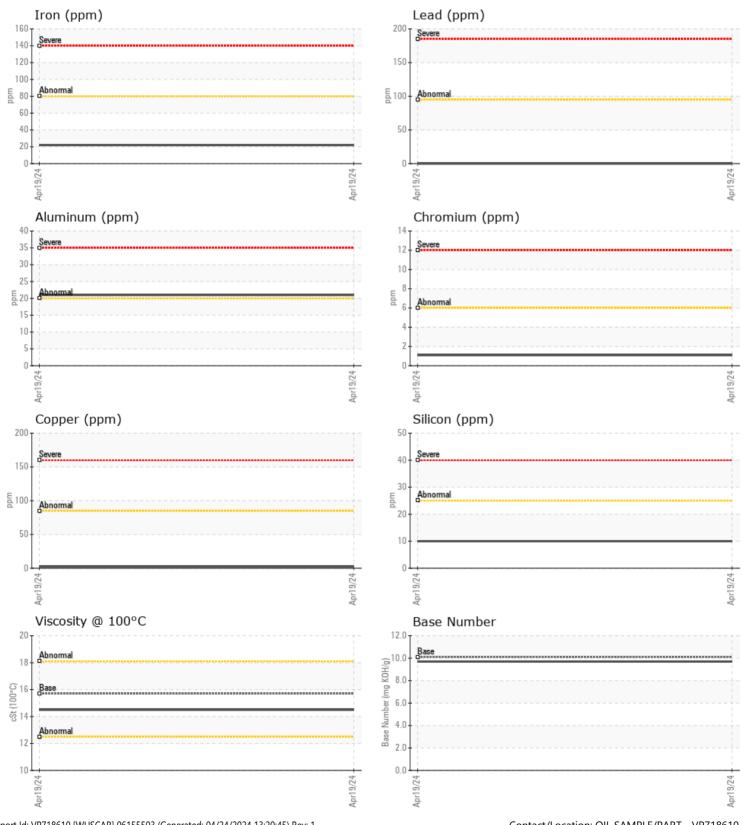
 Report Date:
 24 Apr 2024

Contact/Location: OIL SAMPLE/PART - VP718610

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GRAPHS



Report Id: VP718610 [WUSCAR] 06155503 (Generated: 04/24/2024 13:20:45) Rev: 1

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