# **OIL ANALYSIS REPORT**

## VOLVO PENTA

### DAVID GRAY CUMMINS L110286364 - GENSET

Sample No: VPA054927

Oil Type: SHELL ROTELLA T 15W40

#### SAMPLE INFORMATION VPA054927 Sample Number Sample Date 19 Apr 2024 Machine Hours 223 **Oil Hours** 1 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.3 Base Number (BN) mg KOH/g 9.5 Oxidation (PA) % 61 CONTAMINATION % NEG Water % Soot % 0 Nitration (PA) % 48 % Sulfation (PA) 52 Glycol % NEG Fuel % <1.0 Silicon 7 ppm Sodium 2 ppm Potassium **||** <1 ppm WEAR METALS Iron 2 ppm **||** <1 Copper ppm Lead 0 🔲 ppm Tin 0 ppm Aluminum **||** < 1 ppm Chromium ppm 0 Molybdenum 39 ppm Nickel 0 ppm Titanium ppm <1 0 Silver ppm Manganese ppm **||** <1 Vanadium ppm <1 **ADDITIVES** Calcium 1541 ppm Magnesium 445 ppm Zinc ppm 1109 Phosphorus ppm 971 Barium 0 ppm Boron ppm 66

#### **YACHT BASIN MARINA**

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

### 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:
 10990927

 Signed:
 Sean Felton

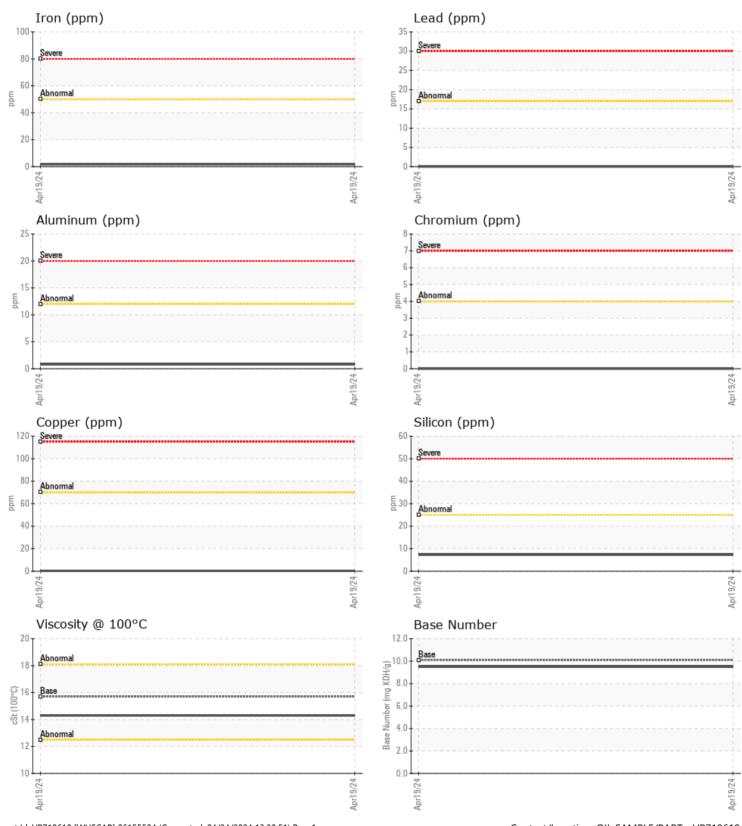
 Report Date:
 24 Apr 2024

Contact/Location: OIL SAMPLE/PART - VP718610

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#### GRAPHS



Report Id: VP718610 [WUSCAR] 06155504 (Generated: 04/24/2024 13:20:51) Rev: 1

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