OIL ANALYSIS REPORT

JOHN WESTON VOLVO PENTA 3194001519 - PORT IPS

Sample No: VPA059504

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION VPA059504 VPA023921 Sample Number Sample Date 07 May 2024 29 Dec 2020 Machine Hours 728 0 **Oil Hours** 0 30 Oil Changed Not Changd Not Changd SEVERE Sample Status NORMAL **OIL CONDITION** Visc @ 40°C cSt 110 103 CONTAMINATION % Water 4.58 NEG Silicon 20 ppm 26 Sodium 368 5 ppm Potassium ppm 16 0 WEAR METALS PO 17 17 172 36 Iron ppm Copper 11 7 ppm Lead 2 <1 ppm 0 Tin 4 ppm 7 2 Aluminum ppm Chromium □ <1 < 1 ppm ■ <1 0 Molybdenum ppm 1 🔲 2 Nickel ppm Titanium <1 ppm <1 Silver 1 <1 ppm ■<1 Manganese 2 ppm Vanadium 0 0 ppm **ADDITIVES 190** Calcium ppm 7 Magnesium ppm 26 1 Zinc ppm 74 12 Phosphorus ppm 1586 1287 Barium 0 ppm 0 Boron 277 255 ppm



Cogswell Marine & Motorsports, Inc 865 Stella Street CHULA VISTA, CA US 91911 Contact: Mitchell Cogswell Cogswellmarinemotorsports@gmail.com T: F:

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. Appearance is milky. The high sodium (Na) level indicates the possible presence of salt water. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VP152133

 Unique No:
 11022343

 Signed:
 Sean Felton

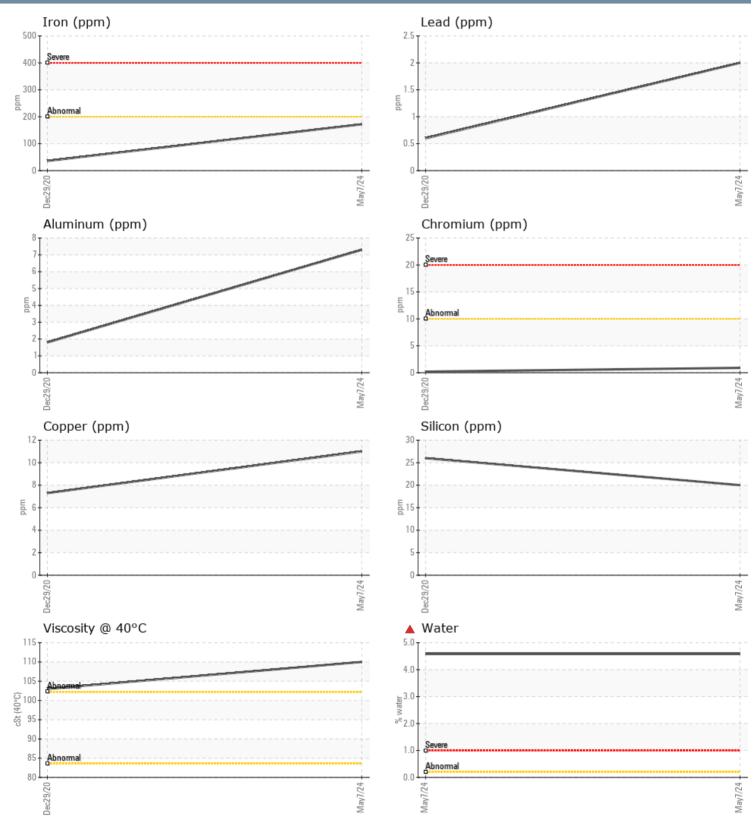
 Report Date:
 14 May 2024

 Contact/Location: Mitchell Cogswell - VP152133

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GRAPHS



Report Id: VP152133 [WUSCAR] 06176290 (Generated: 05/14/2024 14:40:27) Rev: 1

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