OIL ANALYSIS REPORT

22810 VOLVO PENTA A1116402 - GASOLINE ENGINE

Sample No: VPA025986

Oil Type: VOLVO 10W40

SAMPLE INFORMATION VPA025986 Sample Number 14 May 2021 Sample Date Machine Hours 165 **Oil Hours** 5 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 8.7 Oxidation (PA) % 32 CONTAMINATION 0 🔲 % Soot % % Nitration (PA) 27 Sulfation (PA) % 35 Glycol % NEG Fuel % 8.8 Silicon ppm **4** Sodium ppm 11 Potassium ppm **||** <1 WEAR METALS Iron ppm 6 🔲 Copper ppm 8 Lead ■ <1 ppm Tin **||** <1 ppm Aluminum ppm **||** < 1 Chromium ■ <1 ppm Molybdenum 32 ppm Nickel <1 ppm Titanium ppm <1 **||** <1 Silver ppm Manganese 2 ppm Vanadium 0 ppm **ADDITIVES** 1418 Calcium ppm Magnesium 10 ppm Zinc 652 ppm 554 Phosphorus ppm Barium ppm 0 Boron ppm <1



Advanced Marine Power Ltd 1450 Maple St CAMPBELL RIVER, BC CA V9W 3G1 Contact: Rob rob@advancedmarine.com T: (250)257-9130

Diagnosis

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VP230950

 Unique No:
 5225463

 Signed:
 Kevin Marson

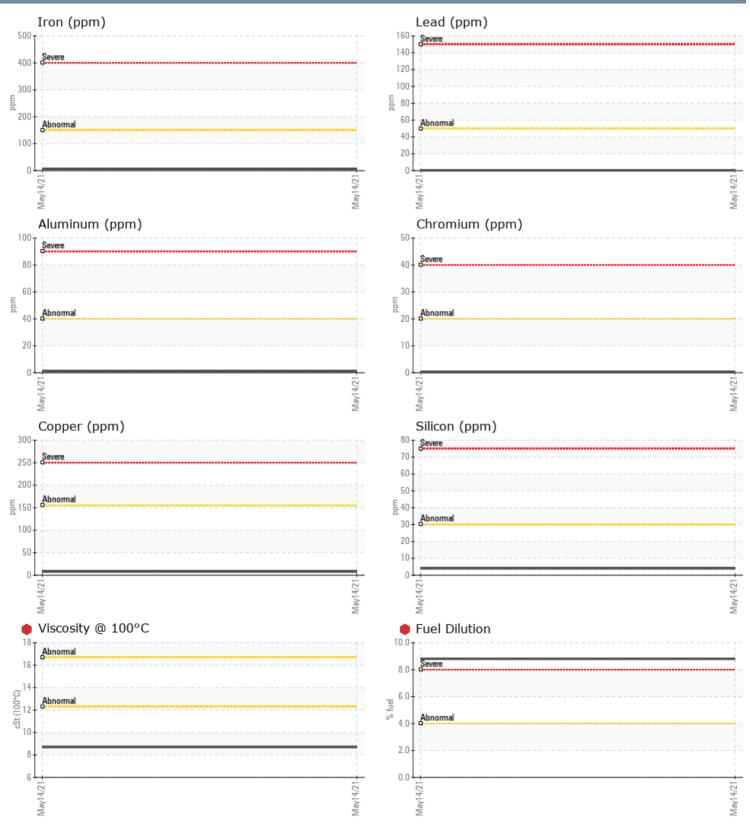
 Report Date:
 19 May 2021

Contact/Location: Rob ? - VP230950

OIL ANALYSIS REPORT



GRAPHS



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