## **OIL ANALYSIS REPORT**

#### GRACIOUS ADVENTURES LTD 15527 VOLVO PENTA A 1 1 1 5 7 5 3 - STARBOARD DIESEL ENGINE

VPA051916 Sample No:

**Oil Type: DIESEL ENGINE OIL SAE 15W40** 

#### SAMPLE INFORMATION VPA051916 Sample Number **PARTS & POWER** Sample Date 08 Apr 2024 Machine Hours 1300 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.4 Base Number (BN) mg KOH/g 9.5 Oxidation (PA) % 55 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 50 % Sulfation (PA) 50 Glycol % NEG Fuel % <1.0 Silicon 10 ppm Sodium 3 ppm Potassium 4 ppm WEAR METALS Iron 8 ppm 17 Copper ppm Lead ppm 1 🗌 Tin ■ <1 ppm Aluminum ppm 4 Chromium <1 ppm ppm 65 Molybdenum Nickel ■ <1 ppm Titanium ppm **||** <1 Silver 0 ppm Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1173 ppm Magnesium 1018 ppm Zinc ppm 1276 Phosphorus ppm 1101 Barium 0 ppm Boron ppm 5 Depot:

Unique No: 10978426 Signed: Sean Felton **Report Date:** 17 Apr 2024

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## Diagnosis

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.



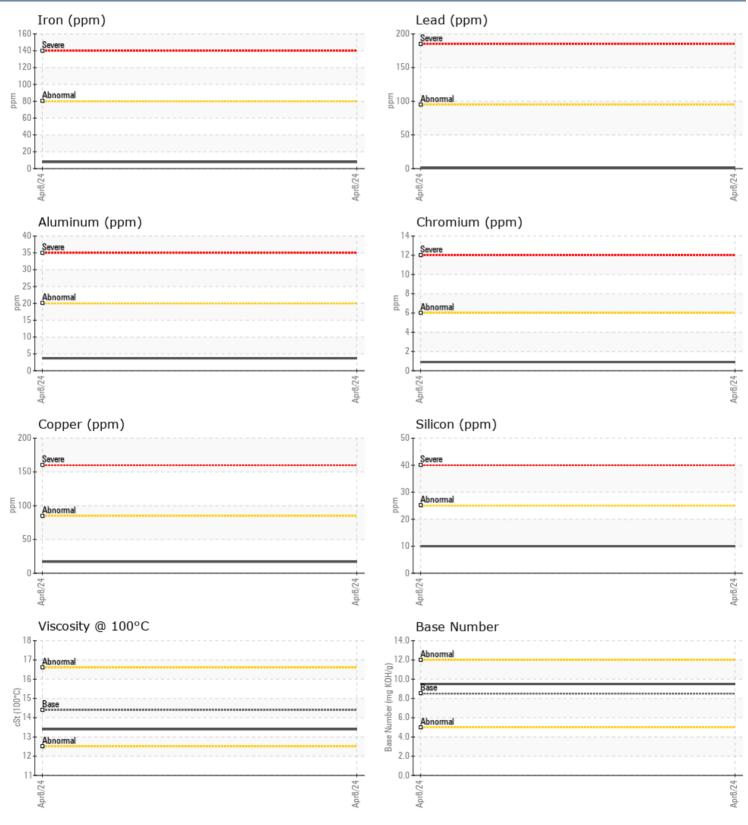
Contact/Location: KARIM PERSAUD - VP981217

VP981217

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### GRAPHS



Contact/Location: KARIM PERSAUD - VP981217