# **OIL ANALYSIS REPORT**

## EPY SAM VOLVO PENTA 7008565333 - PORT DIESEL ENGINE

Sample No: VPA061713

Oil Type: VOLVO PENTA SAE 15W40

#### SAMPLE INFORMATION VPA061713 Sample Number 01 Jul 2024 Sample Date Machine Hours 123 **Oil Hours** 0 Oil Changed Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt 11.7 Base Number (BN) mg KOH/g 7.5 Oxidation (PA) % 57 CONTAMINATION % NEG Water % Soot % 0.8 Nitration (PA) % 75 % Sulfation (PA) 53 Glycol % NEG Fuel % 0.2 Silicon 27 ppm Sodium 5 ppm Potassium 3 ppm WEAR METALS 21 Iron ppm 48 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum ppm 4 Chromium ppm 1 Molybdenum 84 ppm Nickel ■ <1 ppm Titanium ppm 0 🔲 Silver ppm ■ <1 Manganese <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 2144 ppm Magnesium 55 ppm Zinc ppm 1157 994 Phosphorus ppm Barium **<**1 ppm Boron ppm 51

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### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VP794951

 Unique No:
 11110445

 Signed:
 Don Baldridge

 Report Date:
 08 Jul 2024

#### Report Id: VP794951 [WUSCAR] 06226952 (Generated: 07/09/2024 12:49:31) Rev: 1

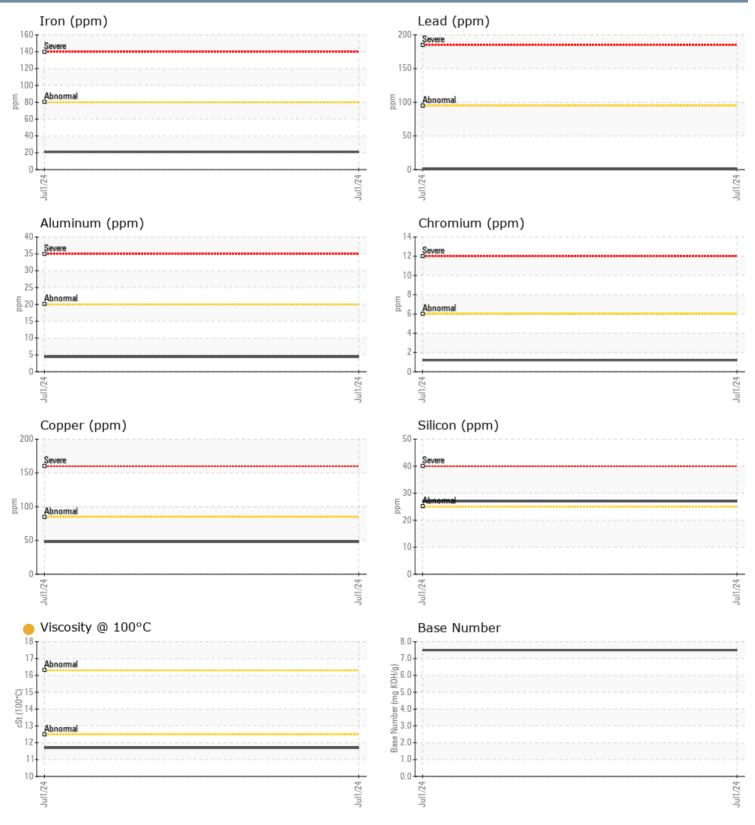
Contact/Location: WILLOW YANARELLA - VP794951



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### GRAPHS



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