OIL ANALYSIS REPORT



VOLVO PENTA A 1 144482 - PORT DIESEL ENGINE

Sample No: VPA056079

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA056079 Sample Number 20 Jul 2023 Sample Date Machine Hours 93 0 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** 13.3 Visc @ 100°C cSt Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 53 CONTAMINATION Soot % % 0.1 % Nitration (PA) 38 Sulfation (PA) % 50 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium 1 🔲 ppm Potassium ppm **||** <1 WEAR METALS Iron ppm 4 2 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum 8 ppm Chromium **||** < 1 ppm Molybdenum 64 ppm Nickel 0 ppm Titanium **||** <1 ppm Silver ppm 2 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1192 ppm 984 Magnesium ppm Zinc ppm 1331 Phosphorus ppm 1083 Barium ppm 0 🔲 Boron ppm 37

W J Clark Inc

4517 Dunning Road NORFOLK, VA US 23518 Contact: WALTER CLARK ychtfixer@aol.com T: F:

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 acceptable for the time in service.

 Depot:
 VP151520

 Unique No:
 10565387

 Signed:
 Don Baldridge

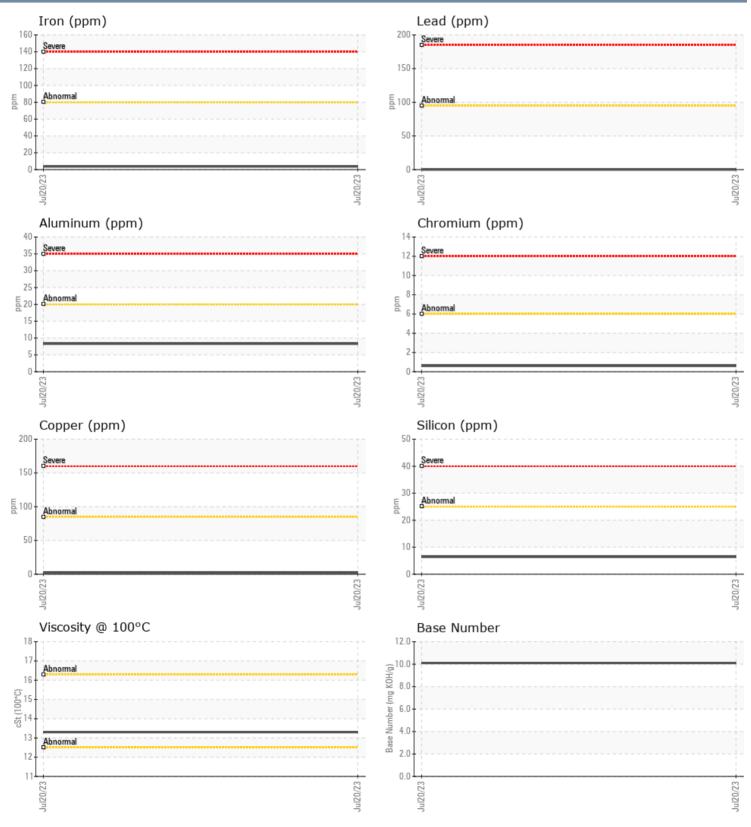
 Report Date:
 25 Jul 2023

Contact/Location: WALTER CLARK - VP151520

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP151520 [WUSCAR] 05904031 (Generated: 07/25/2023 19:07:05) Rev: 1

Contact/Location: WALTER CLARK - VP151520