# **OIL ANALYSIS REPORT**

## VOLVO PENTA 2006017672 - PORT DIESEL ENGINE

Sample No: VPA056054

Oil Type: VOLVO PENTA SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA056054 18 Jul 2023 Sample Date Machine Hours 1380 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.7 Base Number (BN) mg KOH/g 9.6 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 % Nitration (PA) 62 Sulfation (PA) % 55 % NEG Glycol Fuel % <1.0 Silicon ppm 3 Sodium 1 ppm Potassium ppm 2 WEAR METALS Iron ppm 8 Copper 3 ppm Lead ppm 2 Tin ■ <1 ppm Aluminum 1 ppm Chromium **|** <1 ppm Molybdenum 60 ppm Nickel 0 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES**

Calcium	ppm	<b>1089</b>	 	
Magnesium	ppm	1040	 	
Zinc	ppm	<b>1306</b>	 	
Phosphorus	ppm	<b>1061</b>	 	
Barium	ppm	0	 	
Boron	ppm	<b>4</b>	 	

#### 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:
 10564308

 Signed:
 Don Baldridge

 Report Date:
 21 Jul 2023

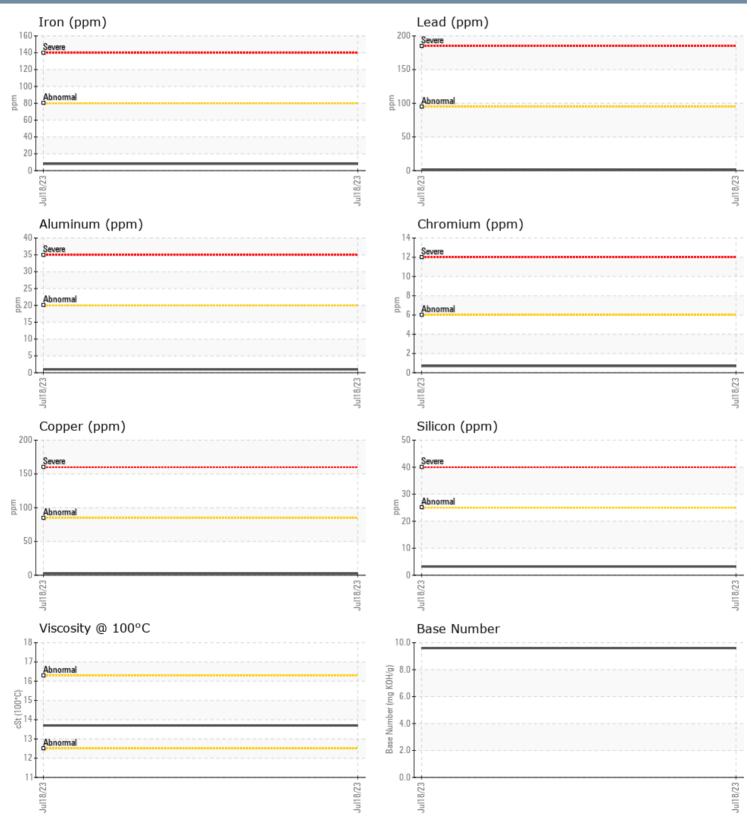
Contact/Location: WALTER CLARK - VP151520



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### GRAPHS



Report Id: VP151520 [WUSCAR] 05902952 (Generated: 07/21/2023 14:15:39) Rev: 1

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