OIL ANALYSIS REPORT

GREGG COHEN FRANK/23161 VOLVO PENTA 7011449288 - PORT DIESEL ENGINE

Sample No: VPA042645 **Oil Type:**

NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA042645	 	
Sample Date		13 Oct 2023	 	
Machine Hours		788	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	11.1	 	
Base Number (BN)	mg KOH/g	7.3	 	
Oxidation (PA)	%	46	 	
CONTAMINATION				
Soot %	%	0.6	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	3.3	 	
Silicon	ppm	8	 	
Sodium	ppm	4	 	
Potassium	ppm	0	 	

WEAR METALS

Iron	ppm	20	 	
Copper	ppm	113	 	
Lead	ppm	2	 	
Tin	ppm	 <1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	15	 	
Nickel	ppm	1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1867	 	
Magnesium	ppm	64	 	
Zinc	ppm	736	 	
Phosphorus	ppm	660	 	
Barium	ppm	0	 	
Boron	ppm	1 4	 	

Seven Seas Yacht Services LLC 1804 CRAB ALLEY DR CHESTER, MD US 21619 Contact: Stephanie Wright stephanie@sevenseasys.com

T: F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal for OEM. Fuel content negligible. No other contaminants were detected 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:	VP601781
Unique No:	10698230
Signed:	Doug Bogart
Report Date:	18 Oct 2023

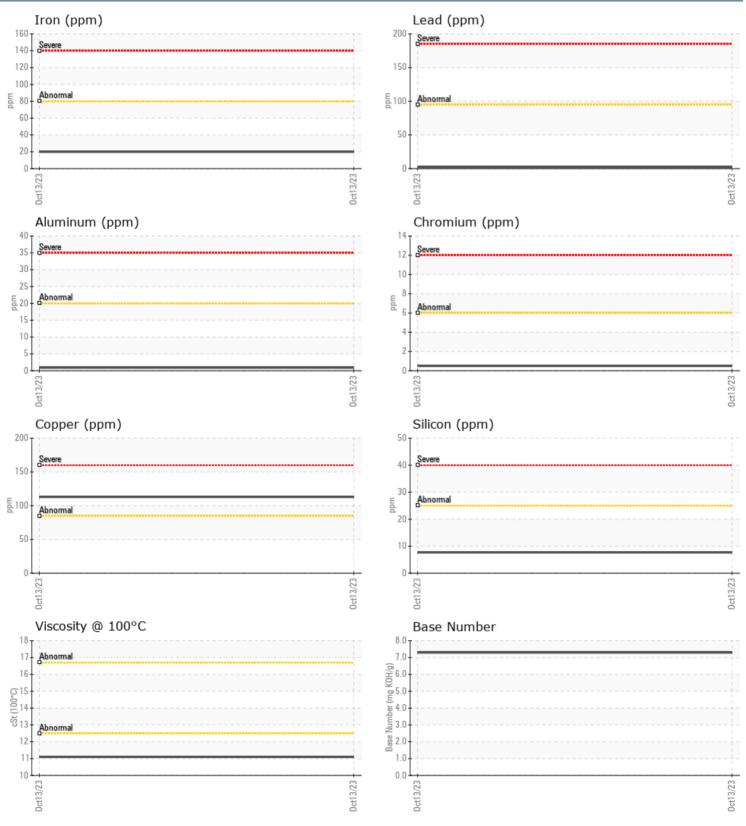
Contact/Location: Stephanie Wright - VP601781



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP601781 [WUSCAR] 05980935 (Generated: 10/23/2023 01:02:19) Rev: 1

Contact/Location: Stephanie Wright - VP601781