OIL ANALYSIS REPORT

TODD GREEN VOLVO PENTA 20132294944 - PORT DIESEL ENGINE

Sample No: VPA044645

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number Sample Date Machine Hours Oil Hours Oil Changed Sample Status		VPA044645 16 Jan 2024 70 50 Not Changd SEVERE	 	
OIL CONDITION				
Visc @ 100°C Oxidation (PA)	cSt %	▲ 111 94	 	
CONTAMINATION				
Water	%	• 10.5	 	
Soot %	%	0.4	 	
Nitration (PA)	%	298	 	
Sulfation (PA)	%	0	 	
Glycol	%	• 0.10	 	
Fuel	%	<1.0	 	
Silicon	ppm	23	 	
Sodium	ppm	A 1296	 	
Potassium	ppm	<mark>▲</mark> 78	 	
WEAR METALS				
		- 19		

Iron	ppm	12	 	
Copper	ppm	22	 	
Lead	ppm	2	 	
Tin	ppm	6	 	
Aluminum	ppm	5	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	1	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	□<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	986	 	
Magnesium	ppm	1103	 	
Zinc	ppm	1248	 	
Phosphorus	ppm	1052	 	
Barium	ppm	0	 	
Boron	ppm	18	 	

VOLVO PENTA

FDDA - FORT MYERS 1326 SE 17TH STE 460

FORT MYER, FL US Contact: JASON HOGAN j.hogan@ssss.com T: F:

Diagnosis

We advise that you check for the source of the coolant leak. We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition.All component wear rates are normal. Sodium and/or potassium levels are high. Test for glycol is positive. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

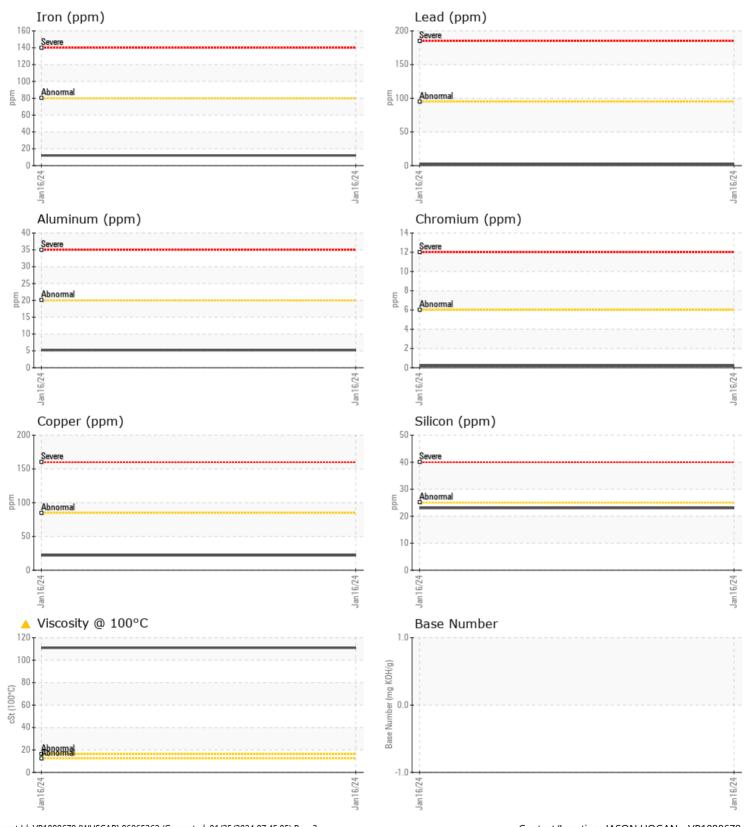
Depot:	VP1088679
Unique No:	10836644
Signed:	Doug Bogart
Report Date:	24 Jan 2024

Contact/Location: JASON HOGAN - VP1088679

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1088679 [WUSCAR] 06065262 (Generated: 01/25/2024 07:45:05) Rev: 2

Contact/Location: JASON HOGAN - VP1088679