



## VOLVO PENTA 2006021825 - PORT DIESEL ENGINE

Sample No: VPA056811
Oil Type: NOT GIVEN

Sample Number					
Sample Date	SAMPLE INFORMA	ATION			
Sample Date	Sample Number		VPA056811	 	
Machine Hours         505           Oil Hours         0           Oil Changed         N/A           Sample Status         NORMAL           OIL CONDITION           Visc @ 100°C			08 Aug 2023	 	
Oil Changed	•		_	 	
NORMAL	Oil Hours			 	
NORMAL	Oil Changed		N/A	 	
Visc @ 100°C				 	
Visc @ 100°C	OIL CONDITION				
Contamination   Soot %		cC+	<b>12.06</b>		
CONTAMINATION			_	 	
Soot %			37	 	
Nitration (PA)	CONTAMINATION				
Sulfation (PA)	Soot %	%	<b>0.4</b>	 	
Glycol	Nitration (PA)	%	52	 	
Fuel % < 1.0 Silicon ppm 6 Sodium ppm 0 Sodium ppm 0	Sulfation (PA)	%	52	 	
Solicon	Glycol	%	NEG	 	
Sodium	Fuel	%	<1.0	 	
Near METALS   Near METALS   Near METALS     Near METALS   Near METALS     Near METALS   Near METALS     Near METALS   Near METALS     Near METALS   Near METALS     Near METALS   Near METALS     Near METALS   Near METALS     Near METALS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaLS   Near METALS     Near MetaL	Silicon	ppm	<b>6</b>	 	
WEAR METALS           Iron         ppm         29  -	Sodium	ppm		 	
Tron	Potassium	ppm	<b>■&lt;1</b>	 	
Copper         ppm         2 <td>WEAR METALS</td> <td></td> <td></td> <td></td> <td></td>	WEAR METALS				
Lead       ppm       <1	Iron	ppm	<b>■29</b>	 	
Tin ppm 0 Aluminum ppm 15	Copper	ppm	<b>2</b>	 	
Aluminum ppm 15	Lead	ppm	<b>□</b> <1	 	
Chromium         ppm         <1	Tin	ppm	■0	 	
Molybdenum         ppm         60              Nickel         ppm         <1	Aluminum	ppm	<b>15</b>	 	
Nickel         ppm  <	Chromium	ppm	<b>■&lt;1</b>	 	
Titanium ppm 0 Silver ppm <-1	Molybdenum	ppm	<b>60</b>	 	
Silver         ppm         <1 </td <td>Nickel</td> <td>ppm</td> <td><b>■&lt;1</b></td> <td> </td> <td></td>	Nickel	ppm	<b>■&lt;1</b>	 	
Manganese         ppm         <1              Vanadium         ppm         0              ADDITIVES           Calcium         ppm         1036              Magnesium         ppm         898              Zinc         ppm         1195              Phosphorus         ppm         1002              Barium         ppm         2	Titanium	ppm	<b>0</b>	 	
Vanadium         ppm         0              ADDITIVES           Calcium         ppm         1036              Magnesium         ppm         898              Zinc         ppm         1195              Phosphorus         ppm         1002              Barium         ppm         2		ppm	<b>■&lt;1</b>	 	
ADDITIVES  Calcium ppm 1036  Magnesium ppm 8898  Zinc ppm 1195  Phosphorus ppm 1002  Barium ppm 2	Manganese	ppm	<1	 	
Calcium         ppm         1036              Magnesium         ppm         898              Zinc         ppm         1195              Phosphorus         ppm         1002              Barium         ppm         2	Vanadium	ppm	0	 	
Calcium         ppm         1036              Magnesium         ppm         898              Zinc         ppm         1195              Phosphorus         ppm         1002              Barium         ppm         2	ADDITIVES				
Magnesium         ppm         898              Zinc         ppm         1195              Phosphorus         ppm         1002              Barium         ppm         2		ppm	<b>1036</b>	 	
Zinc         ppm         1195              Phosphorus         ppm         1002              Barium         ppm         2				 	
Phosphorus         ppm         1002              Barium         ppm         2	_			 	
Barium ppm <b>2</b>				 	
	•			 	
		ppm	<u></u> 5	 	

## JON DIESEL LLC

4915 241ST E MYAKKA CITY, FL US 34251 Contact: Jon Marquette jondieselllc@gmail.com T: (941)780-1330 F:

## Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

Depot:VPJONMYAUnique No:10603824Signed:Doug BogartReport Date:14 Aug 2023

## **OIL ANALYSIS REPORT**



