



## DEPARTMENT FO ECOLOGY/502725 PATRICK VOLVO PENTA 3020312098 - STERNDRIVE - PORT GEARBOX

Sample No: VPA059616

Oil Type: VOLVO PENTA GL-5 SAE 75W90

Sample Number	SAMPLE INFORM	ATION			
Sample Date    27 Feb 2024			VPA050616	 	
Machine Hours					
Oil Hours         0	•				
Oil Changed Sample Status NORMAL					
Sample Status					
Visc @ 40°C   CSt   91.0					
Visc @ 40°C			NORIVIAL	 	
Water	OIL CONDITION				
NEG	Visc @ 40°C	cSt	■91.0	 	
Silicon	CONTAMINATION				
Sodium	Water	%	NEG	 	
Sodium	Silicon	ppm	<b>6</b>	 	
Potassium         ppm         5              WEAR METALS           PQ         19 <t< td=""><td>Sodium</td><td></td><td>■5</td><td> </td><td></td></t<>	Sodium		■5	 	
PQ	Potassium		<b>5</b>	 	
PQ	WEAD METALS				
Iron	WEAR METALS				
Copper       ppm       1	PQ			 	
Lead       ppm       Image: square sq	Iron	ppm		 	
Tin ppm	Copper	ppm	■1	 	
Aluminum ppm 3 Molybdenum ppm 2	Lead	ppm	<b>■&lt;1</b>	 	
Chromium         ppm         2              Molybdenum         ppm         <1	Tin	ppm	<b>■&lt;1</b>	 	
Molybdenum         ppm	Aluminum	ppm	<b>■</b> 3	 	
Nickel         ppm         2 <td>Chromium</td> <td>ppm</td> <td>■2</td> <td> </td> <td></td>	Chromium	ppm	■2	 	
Titanium	Molybdenum	ppm	<b>■&lt;1</b>	 	
Silver         ppm         0              Manganese         ppm         13              ADDITIVES           Calcium         ppm         0              Magnesium         ppm         983              Zinc         ppm         8              Phosphorus         ppm         1630              Barium         ppm         0	Nickel	ppm	<b>2</b>	 	
Manganese         ppm         13	Titanium	ppm	<1	 	
Vanadium         ppm         0              ADDITIVES           Calcium         ppm         0              Magnesium         ppm         983              Zinc         ppm         8              Phosphorus         ppm         1630              Barium         ppm         0	Silver	ppm	0	 	
ADDITIVES  Calcium ppm 0  Magnesium ppm 983  Zinc ppm 8  Phosphorus ppm 1630  Barium ppm 0	Manganese	ppm	<b>■13</b>	 	
Calcium         ppm         0              Magnesium         ppm         983              Zinc         ppm         8              Phosphorus         ppm         1630              Barium         ppm         0	Vanadium	ppm	0	 	
Magnesium         ppm         983  -	ADDITIVES				
Magnesium         ppm         983  -	Calcium	ppm	<b>0</b>	 	
Zinc         ppm         8              Phosphorus         ppm         1630              Barium         ppm         0				 	
Phosphorus         ppm         1630               Barium         ppm         0	-			 	
Barium ppm <b>0</b>				 	
–	•			 	
	Boron	ppm	<b>■657</b>	 	

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## 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 condition of the oil is acceptable for the time in service.

Depot: VP794951
Unique No: 10911245
Signed: Sean Felton
Report Date: 06 Mar 2024

## **OIL ANALYSIS REPORT**



