



## JERRY CARBONARA 45043 VOLVO PENTA 3940021007 - STARBOARD IPS

Sample No: VPA054211

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

Oil Hours         0              Oil Changed         Not Changd              Sample Status         NORMAL              OIL CONDITION           Visc @ 40°C         cSt         107              CONTAMINATION           Water         %         NEG              Silicon         ppm         9              Sodium         ppm         3              Potassium         ppm         4              WEAR METALS           PQ         16              Iron         ppm         15					
Sample Date	SAMPLE INFORM	IATION			
Sample Date	Sample Number		VPA054211	 	
Machine Hours         203   <			06 Jun 2024	 	
Not Changed   Normal	Machine Hours		203	 	
Sample Status	Oil Hours		0	 	
Sample Status	Oil Changed		Not Changd	 	
Visc @ 40°C	Sample Status			 	
Visc @ 40°C	OIL CONDITION				
CONTAMINATION	UIL CUNDITION				
Water   %   NEG	Visc @ 40°C	cSt	<b>107</b>	 	
Silicon	CONTAMINATION	١			
Sodium	Water	%	NEG	 	
Near Metals	Silicon	ppm	<b>9</b>	 	
WEAR METALS           PQ         16	Sodium	ppm	<b>3</b>	 	
PQ	Potassium	ppm	<b>4</b>	 	
Tron	WEAR METALS				
Copper         ppm         12 </td <td>PQ</td> <td></td> <td><b>16</b></td> <td> </td> <td></td>	PQ		<b>16</b>	 	
Lead       ppm       4	Iron	ppm	<b>15</b>	 	
Tin ppm 1 Aluminum ppm 3 1	Copper	ppm	<b>12</b>	 	
Aluminum ppm	Lead	ppm	<b>4</b>	 	
Chromium         ppm	Tin	ppm	<b>1</b>	 	
Molybdenum         ppm         2	Aluminum	ppm	<b>■&lt;1</b>	 	
Nickel         ppm         0              Titanium         ppm         0              Silver         ppm         1              Manganese         ppm         0              Vanadium         ppm         0              ADDITIVES               Magnesium         ppm         4              Magnesium         ppm         18              Phosphorus         ppm         1294              Barium         ppm         0		ppm		 	
Titanium	Molybdenum	ppm	<b>2</b>	 	
Silver         ppm         <1	Nickel	ppm	■0	 	
Manganese         ppm         1	Titanium	ppm	■0	 	
Vanadium         ppm         0              ADDITIVES           Calcium         ppm         25              Magnesium         ppm         4              Zinc         ppm         18              Phosphorus         ppm         1294              Barium         ppm         0	Silver	ppm	<1	 	
ADDITIVES  Calcium ppm 25  Magnesium ppm 4  Zinc ppm 18  Phosphorus ppm 1294  Barium ppm 0	Manganese	ppm	<b>1</b>	 	
Calcium         ppm         25              Magnesium         ppm         4              Zinc         ppm         18              Phosphorus         ppm         1294              Barium         ppm         0	Vanadium	ppm	0	 	
Magnesium         ppm         4              Zinc         ppm         18              Phosphorus         ppm         1294              Barium         ppm         0	ADDITIVES				
Magnesium         ppm         4              Zinc         ppm         18              Phosphorus         ppm         1294              Barium         ppm         0	Calcium	ppm	<b>25</b>	 	
Zinc         ppm         18              Phosphorus         ppm         1294              Barium         ppm         0	Magnesium		<b>4</b>	 	
Phosphorus         ppm         1294              Barium         ppm         0	Zinc		<b>18</b>	 	
Barium ppm <b>□0</b>	Phosphorus		<b>1294</b>	 	
Boron ppm <b>■337</b>	Barium		<b>0</b>	 	
	Boron	ppm	■337	 	

## **COASTAL CAROLINA YACHT SALES**

145 LOCKWOOD BLVD CHARLESTON, SC US 29403 Contact: STEVE VASAS steve@ccyachtsales.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 condition of the oil is acceptable for the time in service.

Depot:VP568144Unique No:11074357Signed:Don BaldridgeReport Date:13 Jun 2024

## **OIL ANALYSIS REPORT**



