# **OIL ANALYSIS REPORT**



## VOLVO PENTA 3940024961 - STARBOARD IPS

Sample No:	VPA060946
Oil Type:	{unknown}

### SAMPLE INFORMATION

Sample Date         16 Jan 2024              Machine Hours         0               Oil Hours         0               Oil Hours         0               Sample Status         SEVERE               Somple Status         SEVERE               OIL CONDITION                Water         %         NEG               Sodium         ppm         26               Sodium         ppm         35               Yeas METALS                 Copper         ppm         36               Aluminum         ppm         1	Sample Number		VPA060946	 		
Machine Hours       655            Oil Hours       0            Oil Changed       N/A            Sample Status       SEVERE            OIL CONDITION             COTTAMINATION             Water       %       NEG            Solicon       ppm       26            Solicon       ppm       35            Potassim       pm       26            Solium       ppm       35            Potassim       pm       26            Solium       ppm       35            Potassim       pm       26            Copper       ppm       36            Copper       ppm       1				 		
Oil Hours       0            Oil Changed       N/A            Sample Status       SEVERE            OIL CONDITION             OIL CONDITION             Water       %       NEG            Solition       ppm       26            Sodium       ppm       35            Potassium       ppm       36            Copper       ppm       36            Lead       ppm       1            Aluminum       ppm       0            Aluminum       ppm       1            Nickel       ppm       7            Nickel       ppm       1            Silver       ppm       8						
Oil Changed Sample Status         N/A              Severe               OIL CONDITION               Visc @ 40°C         cSt         109              CONTAMINATION                Water         %         NEG              Solition         ppm         26              Solition         ppm         35              Retassium         ppm         36              Iron         ppm         36              Iron         ppm         0              Iron         ppm         531              Iron         ppm         0              Iron         ppm         0				 		
Sample Status         SEVERE              OLL CONDITION               Visc @ 40°C         cSt         109              CONTAMINATION                Silicon         ppm         26              Sodium         ppm         35              Sodium         ppm         26              Sodium         ppm         35              Veassium         ppm         26              Weassium         ppm         26               Sodium         ppm         26                Weassium         ppm         26 <td></td> <td></td> <td></td> <td> </td> <td></td>				 		
Visc @ 40°C         cSt         109              CONTAMINATION         Vater         %         NEG              Sulicon         ppm         26               Sodium         ppm         35               Potassium         ppm         35               WEAR METALS         V         Visc @ 40° C         ppm         531              Verant MetALS         ppm         531               Copper         ppm         366               Lead         ppm         0               Aluminum         ppm         10               Molybdenum         ppm         1              Nickel         ppm         60              Mangane	-			 		
CONTAMINATION           Water         %         NEG              Silicon         ppm         26              Sodium         ppm         35              Potassium         ppm         35              WEAR METALS         Uron         ppm         531              Lead         ppm         1               Lead         ppm         0               Aluminum         ppm         10               Molybdenum         ppm         1               Nickel         ppm         7               Nickel         ppm         0               Nickel         ppm         1               Vanadium         ppm	OIL CONDITION					
Water         %         NEG             Silicon         ppm         26              Sodium         ppm         35              Potassium         ppm         2              Potassium         ppm         2              WEAR METALS               Iron         ppm         36              Lead         ppm         36              Aluminum         ppm         10              Aluminum         ppm         10              Molybdenum         ppm         11              Nickel         ppm         7              Nickel         ppm         0              Maganese         ppm         1	Visc @ 40°C	cSt	<b>109</b>	 		
Silicon       ppm       26            Sodium       ppm       35            Potassium       ppm       2            WEAR METALS             Iron       ppm       531            Copper       ppm       36            Lead       ppm       <1	<1	CONTAMINATION				
Sodium         ppm         35              Potassium         ppm         2              WEAR METALS	Water	%	NEG	 		
Potassium         ppm         2              WEAR METALS               Iron         ppm         \$531              Copper         ppm         36              Lead         ppm         <1	Silicon	ppm	26	 		
Potassium         ppm         2              WEAR METALS               Iron         ppm         \$531              Copper         ppm         36              Lead         ppm         \$10              Aluminum         ppm         10              Aluminum         ppm         \$5              Molybdenum         ppm         \$1              Nickel         ppm         \$7              Nickel         ppm         \$1              Nickel         ppm         \$1              Maganese         ppm         \$3              Vanadium         ppm         \$13              Magnesium         ppm         \$13 <t< td=""><td>Sodium</td><td>ppm</td><td>35</td><td> </td><td></td></t<>	Sodium	ppm	35	 		
Iron       ppm       531            Copper       ppm       36            Lead       ppm       <1	Potassium		2	 		
Copper         ppm         36             Lead         ppm         <1	WEAR METALS					
Lead       ppm       <1	Iron	ppm	<b>•</b> 531	 		
Tin       ppm       0            Aluminum       ppm       10            Chromium       ppm       5            Molybdenum       ppm       <1	Copper	ppm	36	 		
Aluminum         ppm         10             Chromium         ppm         5              Molybdenum         ppm         <1	Lead	ppm	<1	 		
Chromium         ppm         5              Molybdenum         ppm         <1	Tin	ppm	0	 		
Molybdenum         ppm         <1             Nickel         ppm         7              Titanium         ppm         <1	Aluminum	ppm	10	 		
Nickel         ppm         7              Titanium         ppm         <1	Chromium	ppm	5	 		
Titanium       ppm       <1	Molybdenum	ppm	<1	 		
Silver         ppm         0              Manganese         ppm         8              Vanadium         ppm         <1	Nickel	ppm	7	 		
Manganese         ppm         8              Vanadium         ppm         <1               ADDITIVES                 Calcium         ppm         10               Magnesium         ppm         13               Zinc         ppm         15               Phosphorus         ppm         1293               Barium         ppm         0		ppm		 		
Vanadium         ppm         <1              ADDITIVES                Calcium         ppm         10               Magnesium         ppm         13               Zinc         ppm         15               Phosphorus         ppm         1293               Barium         ppm         0		ppm		 		
ADDITIVES           Calcium         ppm         10              Magnesium         ppm         13              Zinc         ppm         15              Phosphorus         ppm         1293              Barium         ppm         0	-	ppm		 		
Calcium         ppm         10             Magnesium         ppm         13              Zinc         ppm         15              Phosphorus         ppm         1293              Barium         ppm         0	Vanadium	ppm	<1	 		
Magnesium         ppm         13             Zinc         ppm         15              Phosphorus         ppm         1293              Barium         ppm         0	ADDITIVES					
Zinc         ppm         15              Phosphorus         ppm         1293              Barium         ppm         0	Calcium	ppm	10	 		
Phosphorus         ppm         1293              Barium         ppm         0	Magnesium	ppm	13	 		
Barium ppm <b>0</b>		ppm		 		
		ppm		 		
Boron ppm <b>273</b>	Barium	ppm		 		
	Boron	ppm	273	 		

#### ONE WATER YACHT

3201 W STATE RD 84 FR LAUDERDALE, FL JS 33312 Contact: ANTHONY VIGLIOTTI avigliotti@owyg.com T: (954)292-4857 -

### Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VP1134827

 Unique No:
 10847415

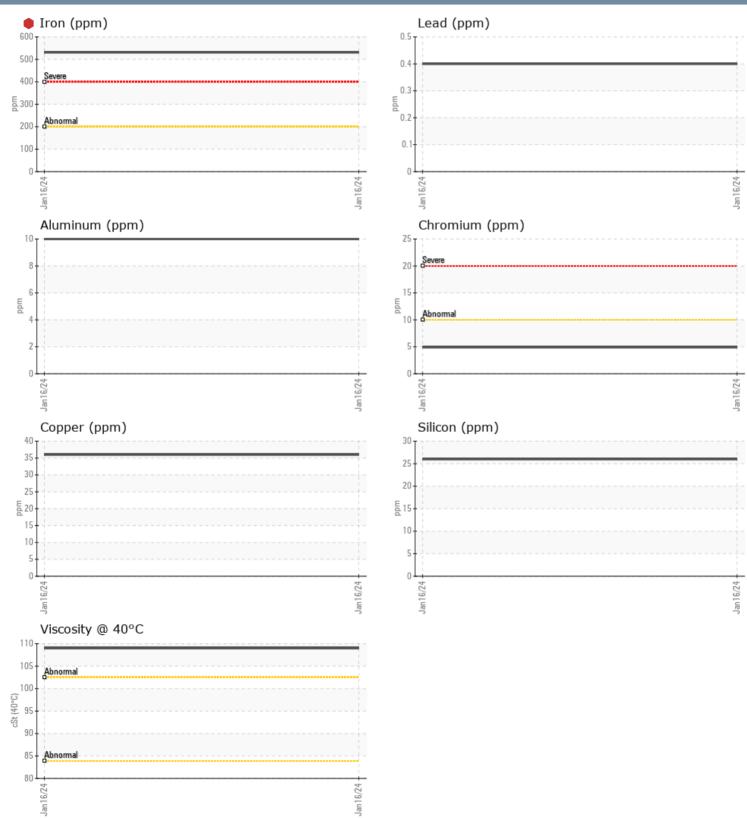
 Signed:
 Jonathan Hester

 Report Date:
 29 Jan 2024

# **OIL ANALYSIS REPORT**







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