## **OIL ANALYSIS REPORT**

## CHUCK VINCENT DANIEL VOLVO PENTA A376100 - PORT DIESEL ENGINE

Sample No: VPA025252

Oil Type: SHELL ROTELLA T4 15W40

### SAMPLE INFORMATION

JUMPEL INI UNMA				
Sample Number		VPA025252	 	
Sample Date		26 Apr 2024	 	
Machine Hours		386	 	
Oil Hours		24	 	
Oil Changed		Not Changd	 	
Sample Status		ATTENTION	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.2	 	
Base Number (BN)	mg KOH/g	9.2	 	
Oxidation (PA)	%	61	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	50	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	86	 	
Potassium	ppm	<b>4</b>	 	
WEAR METALS				
Iron	ppm	138	 	
Copper	ppm	<b>4</b>	 	
Lead	ppm	<1	 	
Tin	ppm		 	
Aluminum	ppm	31	 	
Chromium	ppm	3	 	
Molybdenum	ppm	39	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1705	 	
Magnesium	ppm	470	 	
Zinc	ppm	1236	 	
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## VOLVO PENTA

Galati Yacht Sales LLC 900 S. BAY BLVD., PO Box 862 ANNA MARIA, FL US 34216 Contact: SEAN CARDOW SCARDOW@GALATIYACHTS.COM T:

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Sodium and/or potassium levels are high. Test for glycol is negative. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP648685

 Unique No:
 11006042

 Signed:
 Jonathan Hester

 Report Date:
 05 May 2024

ppm

ppm

ppm

Phosphorus

Barium

Boron

1031

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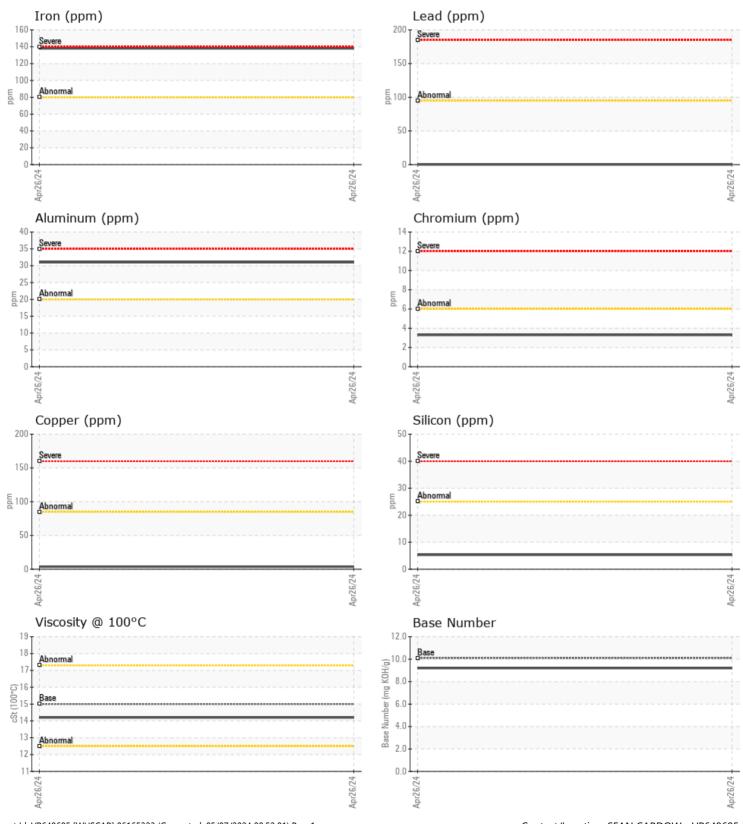
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Contact/Location: SEAN CARDOW - VP648685

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#### GRAPHS



Report Id: VP648685 [WUSCAR] 06165323 (Generated: 05/07/2024 08:52:01) Rev: 1

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