## **OIL ANALYSIS REPORT**



### VOLVO PENTA 394002135 - STARBOARD IPS

**Sample No:** VPA050982

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA050982	 	
Sample Date		20 Mar 2024	 	
Machine Hours		177	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	<b>104.4</b>	 	
CONTAMINATION	l			
Water	%	<b>0.752</b>	 	
Silicon	ppm	9	 	
Sodium	ppm	75	 	
Potassium	ppm	<b>1</b>	 	
WEAR METALS				
PQ		20	 	
Iron	ppm	<b>A</b> 323	 	
Copper	ppm	26	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	10	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	0	 	
Nickel	ppm	3	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	6	 	
Magnesium	ppm	<b>1</b> 1	 	
Zinc	ppm	37	 	
Phosphorus	ppm	<b>1407</b>	 	
Barium	ppm	0	 	
Boron	ppm	332	 	

#### SUNCOAST DIESEL MARINE

5341 PORTER ROAD, SUITE 6 5ARASOTA, FL JS 34240 Contact: SERVICE MANAGER nfo@suncoastdmi.com T: (941)342-0033

### Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor.Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

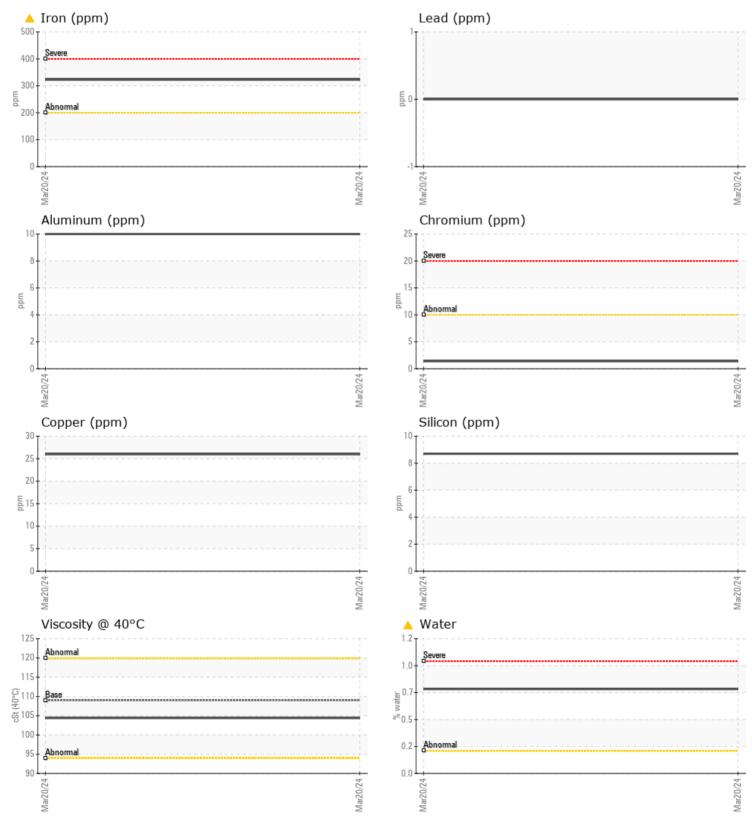
Depot:	VP705283		
Unique No:	10939491		
Signed:	Doug Bogart		
Report Date:	21 Mar 2024		

Contact/Location: SERVICE MANAGER - VP705283

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP705283 [WUSCAR] 06125340 (Generated: 03/21/2024 17:31:04) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283