## **OIL ANALYSIS REPORT**

### 3940017905 - PORT IPS

 Sample No:
 VPA045920

 Oil Termon
 VOLVO ADI CL 5

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA045920	 	
Sample Date		30 Apr 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
OIL CONDITION				
Visc @ 40°C	cSt	113.2	 	
CONTAMINATION				
Water	%	▲ 5.34	 	
Silicon	ppm	27	 	
Sodium	ppm	649	 	
Potassium	ppm	27	 	
WEAR METALS				
PQ		25	 	
Iron	ppm	<b>4</b> 77	 	
Copper	ppm	42	 	
Lead	ppm	<1	 	
Tin	ppm	<1	 	
Aluminum	ppm	10	 	
Chromium	ppm	<b>4</b>	 	
Molybdenum	ppm	<b>1</b>	 	
Nickel	ppm	6	 	
Titanium	ppm	<1	 	
Silver	ppm	2	 	
Manganese	ppm	7	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	42	 	
Magnesium	ppm	90	 	
Zinc	ppm	68	 	
Phosphorus	ppm	2160	 	
Barium	ppm	<b></b> <1	 	
Boron	ppm	577	 	



ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith\_advanceddiesel@yahoo.com T: (239)580-8731

#### 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. We recommend an early resample to monitor this condition.Gear wear is indicated. Appearance is unacceptable. There is a high concentration of water present in the oil. The high sodium (Na) level indicates the possible presence of salt water. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VPADVNAP

 Unique No:
 11006969

 Signed:
 Doug Bogart

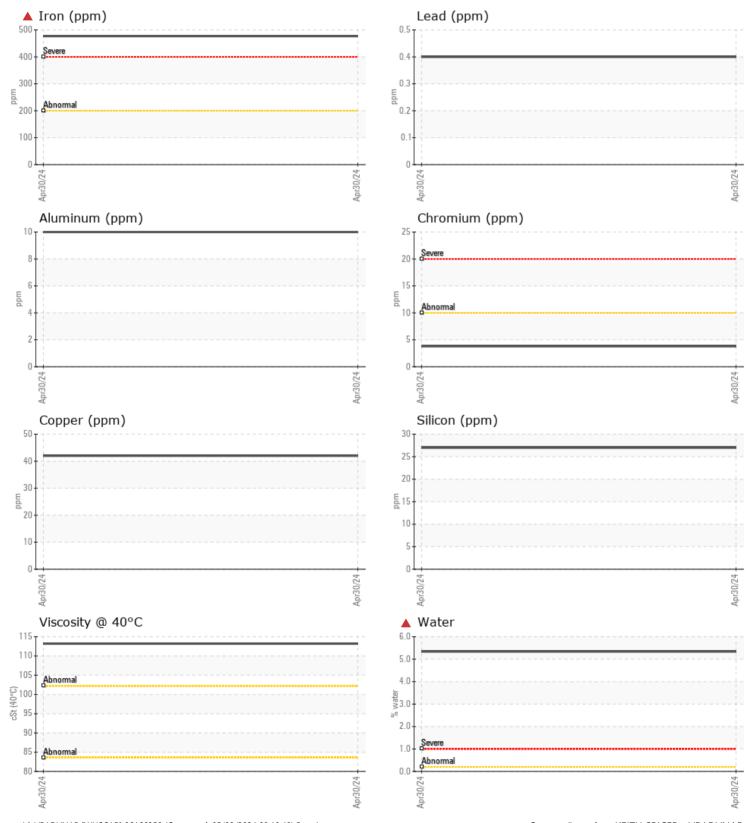
 Report Date:
 02 May 2024

 Contact/Location: KEITH SPICER - VPADVNAP

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPADVNAP [WUSCAR] 06166250 (Generated: 05/02/2024 08:10:48) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP