## **OIL ANALYSIS REPORT**

## VOLVO PENTA

### 20243924 - INBOARD - STARBOARD GEARBOX

Sample No:	VPA045619
Oil Type:	SAE 40W

## SAMPLE INFORMATION

Sample Number		VPA045619	 	
Sample Date		19 Jul 2023	 	
Machine Hours		748	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	89.1	 	
CONTAMINATION				
Silicon	ppm	8	 	
Sodium	ppm	18	 	
Potassium	ppm	5	 	
	PP'''			
WEAR METALS				
PQ		29	 	
Iron	ppm	38	 	
Copper	ppm	<b>456</b>	 	
Lead	ppm	<b>17</b>	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	<b>&lt;</b> 1	 	
Molybdenum	ppm	<b>11</b>	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	<b></b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	3158	 	
Magnesium	ppm	<b>6</b> 1	 	
Zinc	ppm	875	 	
Phosphorus	ppm	892	 	
Barium	ppm	0	 	

#### ADVANCED DIESEL

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

### Diagnosis

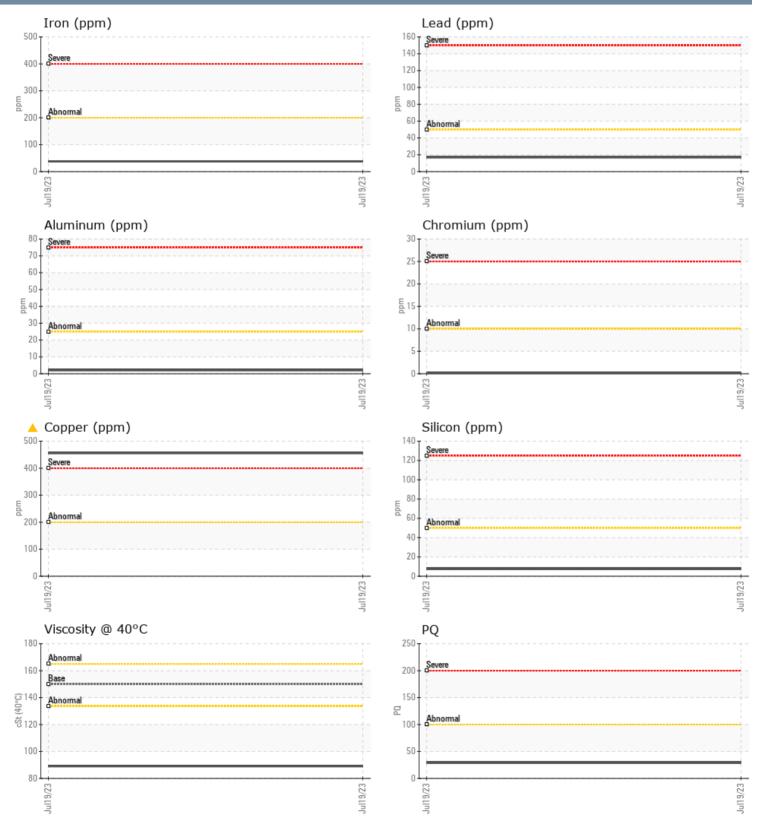
No corrective action is recommended at this time. We recommend an early resample to monitor this condition.The copper level is abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	VPADVNAP
Unique No:	10564850
Signed:	Jonathan Hester
Report Date:	24 Jul 2023

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPADVNAP [WUSCAR] 05903494 (Generated: 07/24/2023 13:57:12) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP