OIL ANALYSIS REPORT

CJ-614780

VOLVO PENTA A 195417 - STARBOARD GASOLINE ENGINE

Sample No: VPA042273 **Oil Type:**

VOLVO

SAMPLE INFORMATION

Nickel

Silver

Titanium

Manganese

ADDITIVES

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

ppm

ppm

ppm

ppm

ppm

ppm ppm

ppm

ppm

ppm

Sample Number		VPA042273	 	
Sample Date		18 Apr 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
OIL CONDITION				
Visc @ 100°C	cSt	10.7	 	
Base Number (BN)	mg KOH/g	27.1	 	
Oxidation (PA)	%	13	 	
	<i>7</i> 0	15	 	
CONTAMINATION				
Water	%	2.62	 	
Soot %	%	0.2	 	
Nitration (PA)	%	14	 	
Sulfation (PA)	%	6	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	0	 	
Potassium	ppm	 <1	 	
WEAR METALS				
Iron	ppm	A 359	 	
Copper	ppm	0	 	
Lead	ppm	■<1	 	
Tin	ppm	2	 	
Aluminum	ppm	20	 	
Chromium	ppm	3	 	
Molybdenum	ppm	1	 	

SINGLETON YACHT CENTER

6930 LANIER ISLANDS PKWY BUFORD, GA US 30002 Contact: GARY BOGGS gboggs@singletonmarine.com T: (770)614-3007 F:

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition.Cylinder, crank, or cam shaft wear is indicated. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP159751 Unique No: 10992747 Signed: Jonathan Hester Report Date: 25 Apr 2024

Report Id: VP159751 [WUSCAR] 06157324 (Generated: 04/25/2024 14:07:12) Rev: 2

5

0

0

3

0

27

22

186 1280

0

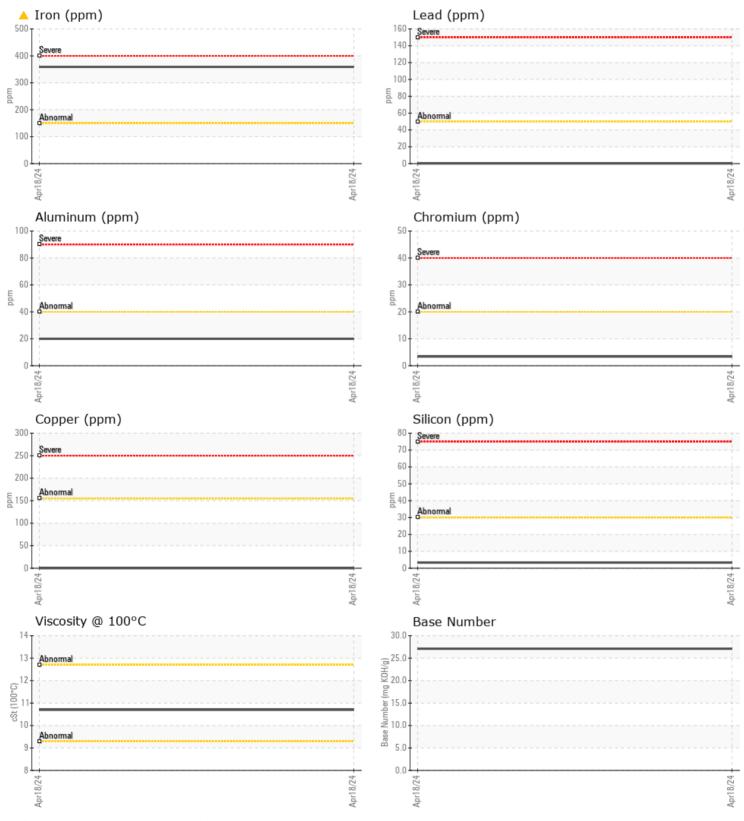
110

Contact/Location: GARY BOGGS - VP159751

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP159751 [WUSCAR] 06157324 (Generated: 04/25/2024 14:07:14) Rev: 2

Contact/Location: GARY BOGGS - VP159751