OIL ANALYSIS REPORT

ART AGRESTA VOLVO PENTA 2014 PRINCESS V39 (S/N NOT GIVEN) - PORT DIESEL ENGINE

Sample No: VPA033494

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number		VPA033494	 	
Sample Date		19 Oct 2023	 	
Machine Hours		20	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.2	 	
Base Number (BN)	mg KOH/g	11.9	 	
Oxidation (PA)	%	58	 	
CONTAMINATION				
Soot %	%	0	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	9	 	
Sodium	ppm	4	 	
Potassium	ppm	4	 	
WEAR METALS				
Iron	ppm	1 1	 	
	66			

Iron	ppm	11	 	
Copper	ppm	■ <1	 	
Lead	ppm	■ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	8	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	28	 	
Nickel	ppm	0	 	
Titanium	ppm	< 1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	

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Calcium	ppm	3299	 	
Magnesium	ppm	135	 	
Zinc	ppm	1214	 	
Phosphorus	ppm	949	 	
Barium	ppm	1	 	
Boron	ppm	35	 	

Steve's Marine Service West 255 S. Ketcham Ave. AMITYVILLE, NY US 11701

Contact: Steven Stavracos steve@stevesmarine.com T: (631)264-1600 F: (631).26-4.1601

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP610610

 Unique No:
 10701739

 Signed:
 Don Baldridge

 Report Date:
 21 Oct 2023

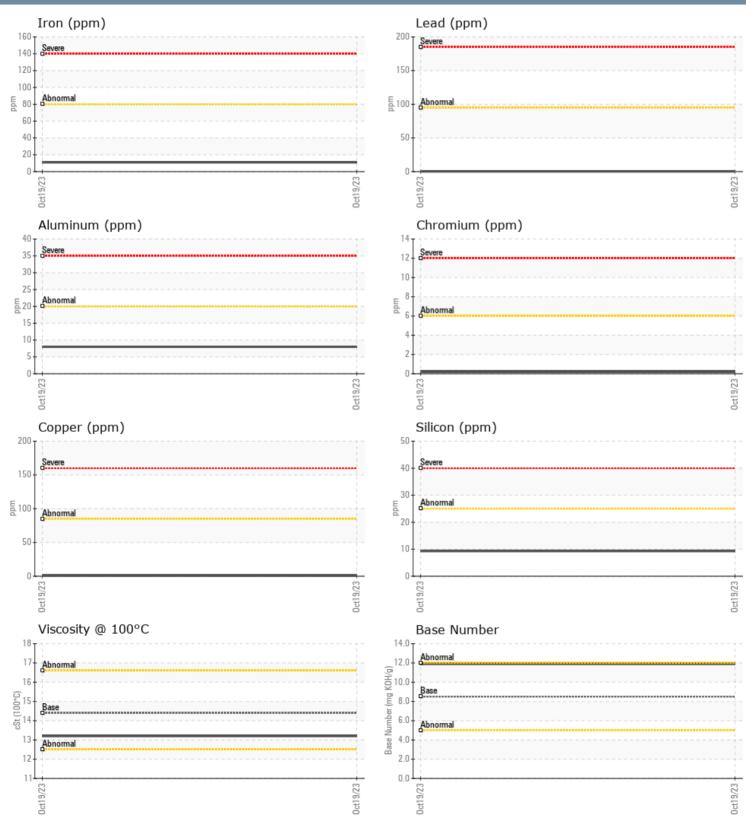
Contact/Location: Steven Stavracos - VP610610



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP610610 [WUSCAR] 05984444 (Generated: 10/22/2023 12:55:49) Rev: 1

Contact/Location: Steven Stavracos - VP610610