

OIL ANALYSIS REPORT

VOLVO PENTA

ART AGRESTA VOLVO PENTA 2014 PRINCESS V39 (S/N NOT GIVEN) - STARBOARD DRIVE

Sample No: VPA028002

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA028002	---	---	---
Sample Date	21 Oct 2023	---	---	---
Machine Hours	20	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 107	---	---	---
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CONTAMINATION

Water	%	▲ 0.308	---	---	---
Silicon	ppm	■ 51	---	---	---
Sodium	ppm	■ 67	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 28	---	---	---
Iron	ppm	▲ 241	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	■ 12	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	20	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	19	---	---	---
Phosphorus	ppm	1306	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	286	---	---	---

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

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is hazy. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP610610

Unique No: 10702364

Signed: Jonathan Hester

Report Date: 25 Oct 2023

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GRAPHS

