

OIL ANALYSIS REPORT

VOLVO PENTA

RESOLUTE VOLVO PENTA 3940018907 - STARBOARD IPS

Sample No: VPA055955

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055955	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	700	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 108	---	---	---
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CONTAMINATION

Water	%	● 1.03	---	---	---
Silicon	ppm	▲ 15	---	---	---
Sodium	ppm	■ 82	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	▲ 261	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 15	---	---	---
Magnesium	ppm	■ 16	---	---	---
Zinc	ppm	■ 43	---	---	---
Phosphorus	ppm	■ 1394	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 272	---	---	---

MYRIAD MARINE

2 CIVIC CENTER DR, SUITE 4112
SAN RAFAEL, CA
US 94903

Contact: SEAN CORBETT
sean@myriadmarine.com

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F:

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. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VPMYRSAN
Unique No: 10753431
Signed: Don Baldrige
Report Date: 24 Nov 2023

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GRAPHS

