

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GEORGE MEARS 902731 VOLVO PENTA 3200001055 - STARBOARD IPS

Sample No: VPA036616

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036616	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	498	---	---	---
Oil Hours	36	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Cogswell Marine & Motorsports, Inc
865 Stella Street
CHULA VISTA, CA
US 91911
Contact: Mitchell Cogswell
Cogswellmarinemotorsports@gmail.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	110	---	---	---
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CONTAMINATION

Silicon	ppm	<1	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	1	---	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		34	---	---	---
Iron	ppm	25	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	27	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	383	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	22	---	---	---

Depot: VP152133
Unique No: 10682937
Signed: Sean Felton
Report Date: 10 Oct 2023

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GRAPHS

