

OIL ANALYSIS REPORT

**VOLVO
PENTA**

MINH TRUONG VOLVO PENTA 3194006009 - CENTER IPS

Sample No: VPA050588

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA050588	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	20	---	---	---
Oil Hours	20	---	---	---
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	■ 100	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---

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		■ 23	---	---	---
Iron	ppm	■ 17	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 8	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 7	---	---	---
Phosphorus	ppm	■ 1396	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 313	---	---	---

Depot: VP152133
Unique No: 10551612
Signed: Don Baldrige
Report Date: 13 Jul 2023

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GRAPHS

