

OIL ANALYSIS REPORT

VOLVO PENTA

KEN SHARPLES VOLVO PENTA 3950003760 - PORT IPS

Sample No: VPA050611
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA050611	---	---	---
Sample Date	14 Jul 2023	---	---	---
Machine Hours	557	---	---	---
Oil Hours	55	---	---	---
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	■ 107.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

PQ		■ 10	---	---	---
Iron	ppm	■ 18	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ <1	---	---	---

ADDITIVES

Calcium	ppm	■ 8	---	---	---
Magnesium	ppm	■ 34	---	---	---
Zinc	ppm	■ 1	---	---	---
Phosphorus	ppm	■ 1341	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 302	---	---	---

Diagnosis

No corrective action is recommended at this time. 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.

Depot: VP152133
Unique No: 10561738
Signed: Doug Bogart
Report Date: 17 Jul 2023

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GRAPHS

