

OIL ANALYSIS REPORT

VOLVO PENTA

JIM WARD VOLVO PENTA 3101003960 - INBOARD - PORT GEARBOX

Sample No: VPA045720

Oil Type: VALVOLINE SYNTHETIC 75W140

SAMPLE INFORMATION

Sample Number	VPA045720	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	740	---	---	---
Oil Hours	740	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALL SYSTEMS MARINE

700 MYRICK ST
PENSACOLA, FL
US 32505

Contact: TRISTAN JOHNSON
allsystemsmarine@yahoo.com
T: (228)218-7963
F:

OIL CONDITION

Visc @ 40°C	cSt	100	---	---	---
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CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

PQ		█ 30	---	---	---
Iron	ppm	▲ 210	---	---	---
Copper	ppm	▲ 236	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 5	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	26	---	---	---
Nickel	ppm	▲ 42	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	1438	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	374	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP99220003
Unique No: 10604458
Signed: Jonathan Hester
Report Date: 16 Aug 2023

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GRAPHS

