

OIL ANALYSIS REPORT

VOLVO PENTA

WESTERN BRANCH 3638 VOLVO PENTA 3200003868 - STARBOARD IPS

Sample No: VPA055390

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055390	---	---	---
Sample Date	18 Jul 2023	---	---	---
Machine Hours	19	---	---	---
Oil Hours	19	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: MICHAEL JORDAN

mdjordan@wbdiesel.com

T:

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

Water	%	▲ 0.199	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 22	---	---	---
Iron	ppm	█ 19	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	18	---	---	---
Magnesium	ppm	█ 163	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1469	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 379	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1165983

Unique No: 10575811

Signed: Doug Bogart

Report Date: 31 Jul 2023

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

