

OIL ANALYSIS REPORT

VOLVO PENTA

WESTERN BRANCH VOLVO PENTA 3200003867 - PORT IPS

Sample No: VPA055421
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055421	---	---	---
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	█ 111	---	---	---
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CONTAMINATION

Water	%	▲ 0.233	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 16	---	---	---
Iron	ppm	█ 20	---	---	---
Copper	ppm	█ 1	---	---	---
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	█ 22	---	---	---
Magnesium	ppm	█ 147	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 1429	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 360	---	---	---

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: 10575810
Signed: Doug Bogart
Report Date: 31 Jul 2023

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PENTA**

GRAPHS

