

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3950006008 - PORT IPS

Sample No: VPA062181

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA062181	---	---	---
Sample Date	13 May 2024	---	---	---
Machine Hours	1313	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103
PLANTATION, FL
US 33325
Contact: ANDRES GARMENDIA
smartdieselservice@gmail.com
T: (954)258-8100
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 106	---	---	---
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CONTAMINATION

Water	%	▲ 0.326	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 35	---	---	---
Iron	ppm	█ 129	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 5	---	---	---
Phosphorus	ppm	█ 1489	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 312	---	---	---

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. There is a moderate amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Depot: VPSMAPLA
Unique No: 11033012
Signed: Jonathan Hester
Report Date: 17 May 2024

OIL ANALYSIS REPORT



GRAPHS

