

OIL ANALYSIS REPORT



JERY SPADY VOLVO PENTA 3194005042 - PORT IPS

Sample No: VPA051557
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA051557	VPA010564	---	---
Sample Date	03 Apr 2024	04 Oct 2018	---	---
Machine Hours	400	408	---	---
Oil Hours	0	100	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	SEVERE	SEVERE	---	---

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL
 US
 Contact: KYLE GRASER
 k.graser@kirbycorp.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	█ 107	115.5	---	---
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CONTAMINATION

Water	%	▲ 1.06	▲ 4.698	---	---
Silicon	ppm	● 17	▲ 40	---	---
Sodium	ppm	█ 18	█ 31	---	---
Potassium	ppm	█ 3	█ 12	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is hazy. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

WEAR METALS

PQ		█ 15	█ 32	---	---
Iron	ppm	● 276	● 296	---	---
Copper	ppm	█ 56	█ 46	---	---
Lead	ppm	1	█ 3	---	---
Tin	ppm	1	█ 0	---	---
Aluminum	ppm	8	● 16	---	---
Chromium	ppm	█ 2	2	---	---
Molybdenum	ppm	█ 2	█ 0	---	---
Nickel	ppm	█ 3	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 4	█ 12	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 114	█ 43	---	---
Magnesium	ppm	█ 14	█ 0	---	---
Zinc	ppm	█ 112	█ 71	---	---
Phosphorus	ppm	█ 1377	█ 1296	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 21	█ 158	---	---

Depot: VP208659
Unique No: 10968168
Signed: Jonathan Hester
Report Date: 12 Apr 2024

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**VOLVO
PENTA**

GRAPHS

