

OIL ANALYSIS REPORT

VOLVO PENTA

1829 VOLVO PENTA 3950002060 - PORT IPS

Sample No: VPA06143513

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA06143513	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 106.6	---	---	---
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CONTAMINATION

Water	%	▲ 0.342	---	---	---
Silicon	ppm	1	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 6	---	---	---

WEAR METALS

PQ		█ 15	---	---	---
Iron	ppm	█ 22	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	22	---	---	---
Magnesium	ppm	█ 140	---	---	---
Zinc	ppm	█ 9	---	---	---
Phosphorus	ppm	█ 1339	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 386	---	---	---

SMART DIESEL SERVICE

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F:

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil and perform a filter service on this component if not already done. 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 oil is no longer serviceable due to the presence of contaminants.

Depot: VPSMAPLA

Unique No: 10968321

Signed: Doug Bogart

Report Date: 09 Apr 2024

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GRAPHS

