

OIL ANALYSIS REPORT

VOLVO PENTA

17694 VOLVO PENTA 3200001632 - CENTER IPS

Sample No: VPA28090

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA28090	VPA028849	---	---
Sample Date	08 Mar 2024	22 Jul 2021	---	---
Machine Hours	803	80	---	---
Oil Hours	0	80	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

Diesel Services of America, Inc.
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US 33312
Contact: Dan Rosas
dan@dieselservicesofamerica.com
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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 106	█ 98.8	---	---
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CONTAMINATION

Water	%	▲ 0.345	NEG	---	---
Silicon	ppm	█ 3	5	---	---
Sodium	ppm	█ 36	█ 4	---	---
Potassium	ppm	█ 2	█ 4	---	---

WEAR METALS

PQ		█ 23	█ 18	---	---
Iron	ppm	▲ 249	█ 20	---	---
Copper	ppm	█ 44	█ 11	---	---
Lead	ppm	█ 0	0	---	---
Tin	ppm	█ 0	0	---	---
Aluminum	ppm	█ 8	2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 4	█ 2	---	---
Titanium	ppm	█ 0	<1	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 4	█ 3	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 91	█ 25	---	---
Magnesium	ppm	█ 5	989	---	---
Zinc	ppm	█ 87	█ 9	---	---
Phosphorus	ppm	█ 1283	█ 1400	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 220	█ 516	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP509836
Unique No: 10924958
Signed: Jonathan Hester
Report Date: 14 Mar 2024

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GRAPHS

