

OIL ANALYSIS REPORT



PAUL MANHEIM DANIEL/502532 VOLVO PENTA 50250246526 - INBOARD - CENTER GEARBOX

Sample No: VPA060424

Oil Type: TEXACO HAVOLINE ATF MERC/DEXRON

SAMPLE INFORMATION

Sample Number	VPA060424	VPA048968	---	---
Sample Date	08 Apr 2024	18 Apr 2022	---	---
Machine Hours	0	500	---	---
Oil Hours	0	30	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	SEVERE	---	---

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OIL CONDITION

Visc @ 40°C	cSt	30.3	57.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	8	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	<1	0	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		42	80	---	---
Iron	ppm	35	146	---	---
Copper	ppm	98	583	---	---
Lead	ppm	17	107	---	---
Tin	ppm	8	37	---	---
Aluminum	ppm	2	8	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	3	4	---	---
Nickel	ppm	1	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	118	2010	---	---
Magnesium	ppm	15	262	---	---
Zinc	ppm	75	1177	---	---
Phosphorus	ppm	226	1116	---	---
Barium	ppm	1	3	---	---
Boron	ppm	59	19	---	---

Depot: VP794951
Unique No: 10982408
Signed: Sean Felton
Report Date: 22 Apr 2024

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**VOLVO
PENTA**

GRAPHS

