

OIL ANALYSIS REPORT

VOLVO PENTA

COATT I JB VOLVO PENTA COATT I (S/N NOT GIVEN) - PORT IPS

Sample No: VPA036877
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036877	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	917	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

Point Judith Marina
360 Gooseberry Road
WAKEFIELD, RI
US 02879
Contact: MATT ST. ANGELO
service@pjmarina.com;canastasio@wearcheckusa.com
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OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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CONTAMINATION

Water	%	▲ 0.236	---	---	---
Silicon	ppm	■ 23	---	---	---
Sodium	ppm	■ 25	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 55	---	---	---
Iron	ppm	● 857	---	---	---
Copper	ppm	■ 32	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 51	---	---	---
Magnesium	ppm	■ 33	---	---	---
Zinc	ppm	■ 80	---	---	---
Phosphorus	ppm	■ 1358	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 294	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP153811
Unique No: 10712120
Signed: Jonathan Hester
Report Date: 31 Oct 2023

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GRAPHS

