

OIL ANALYSIS REPORT

VOLVO PENTA

DIMILLOS 821982 VOLVO PENTA 51220266813 - INBOARD - CENTER GEARBOX

Sample No: VPA060443

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA060443	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	763	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

Power Products Systems LLC
432 Warren Avenue, 432 Warren Ave.
PORTLAND, ME
US 04103
Contact: Victor Barr
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T: (207)797-5950
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 27.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 11	---	---	---

WEAR METALS

PQ		■ 32	---	---	---
Iron	ppm	■ 82	---	---	---
Copper	ppm	▲ 147	---	---	---
Lead	ppm	▲ 880	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 57	---	---	---
Magnesium	ppm	■ 56	---	---	---
Zinc	ppm	■ 311	---	---	---
Phosphorus	ppm	■ 408	---	---	---
Barium	ppm	■ 7	---	---	---
Boron	ppm	■ 53	---	---	---

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. Clutch wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP153549
Unique No: 10983541
Signed: Jonathan Hester
Report Date: 23 Apr 2024

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GRAPHS

