

OIL ANALYSIS REPORT

VOLVO PENTA

JE VOLVO PENTA 395000965 (S/N 3950007965) - STARBOARD IPS

Sample No: VPA050813

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA050813	---	---	---
Sample Date	22 May 2024	---	---	---
Machine Hours	473	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 97.8	---	---	---
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CONTAMINATION

Water	%	▲ 0.360	---	---	---
Silicon	ppm	■ 37	---	---	---
Sodium	ppm	■ 14	---	---	---
Potassium	ppm	■ 7	---	---	---

WEAR METALS

PQ		■ 46	---	---	---
Iron	ppm	▲ 893	---	---	---
Copper	ppm	■ 25	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 19	---	---	---
Chromium	ppm	■ 8	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 8	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	113	---	---	---
Magnesium	ppm	34	---	---	---
Zinc	ppm	248	---	---	---
Phosphorus	ppm	1372	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	204	---	---	---

W J Clark Inc

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T:
F:

Diagnosis

We advise that you check for the source of water entry. 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 moderate concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP151520
Unique No: 11049277
Signed: Jonathan Hester
Report Date: 31 May 2024

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GRAPHS

