

OIL ANALYSIS REPORT

VOLVO PENTA

CLERMONT VOLVO PENTA 30630390881 - STARBOARD TRANSMISSION

Sample No: VPA051038

Oil Type: VOLVO SUPER TRANSMISSION OIL SAE 30

SAMPLE INFORMATION

Sample Number	VPA051038	---	---	---
Sample Date	22 Jan 2024	---	---	---
Machine Hours	1331	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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ANNAPOLIS, MD
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 89.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

PQ		■ 31	---	---	---
Iron	ppm	■ 116	---	---	---
Copper	ppm	■ 110	---	---	---
Lead	ppm	■ 7	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	▲ 29	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 88	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 2130	---	---	---
Magnesium	ppm	■ 15	---	---	---
Zinc	ppm	■ 892	---	---	---
Phosphorus	ppm	■ 807	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 4	---	---	---

Depot: VP1298996
Unique No: 10846785
Signed: Jonathan Hester
Report Date: 26 Jan 2024

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GRAPHS

