

OIL ANALYSIS REPORT

VOLVO PENTA

WAPLES VOLVO PENTA 51120159569 - PORT TRANSMISSION (AUTO)

Sample No: VPA021901

Oil Type: VOLVO SUPER TRANSMISSION OIL SAE 30

SAMPLE INFORMATION

Sample Number	VPA021901	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	964	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FULL KEEL MARINE SERVICES
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ANNAPOLIS, MD
US 21401
Contact: Service Manager
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T: (410)507-3542
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 23.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All 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		█ 47	---	---	---
Iron	ppm	█ 154	---	---	---
Copper	ppm	█ 212	---	---	---
Lead	ppm	█ 161	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 357	---	---	---
Magnesium	ppm	█ 55	---	---	---
Zinc	ppm	█ 197	---	---	---
Phosphorus	ppm	█ 293	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 80	---	---	---

Depot: VP1298996
Unique No: 10782302
Signed: Jonathan Hester
Report Date: 15 Dec 2023

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GRAPHS

