

OIL ANALYSIS REPORT

VOLVO PENTA

NADINE URCIUOLI MATT OLSON VOLVO PENTA MATT OLSON (S/N NOT GIVEN) - TRANSMISSION (AUTO)

Sample No: VPA062263

Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102

SAMPLE INFORMATION

Sample Number	VPA062263	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	4627	---	---	---
Oil Hours	4627	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Helmuts Marine Service

619 Canal Street
SAN RAFAEL, CA
US 94901-3545
Contact: NADINE URCIUOLI
SERVICE@HELMUTSMARINE.COM

T: x:

F: x:

OIL CONDITION

Visc @ 40°C	cSt	■ 24.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 4	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 21	---	---	---
Iron	ppm	■ 18	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 81	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	■ 243	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 109	---	---	---

Depot: VP152741

Unique No: 11101979

Signed: Don Baldrige

Report Date: 01 Jul 2024

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GRAPHS

