

OIL ANALYSIS REPORT

**VOLVO
PENTA**

NADINE URCIUOLI JOHN DEANGELIS VOLVO PENTA A470297 - STERNDRIVE - GEARBOX

Sample No: VPA056429

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number	VPA056429	---	---	---
Sample Date	24 Aug 2023	---	---	---
Machine Hours	1272	---	---	---
Oil Hours	1272	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Helmut's 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	■ 150	---	---	---
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CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 4	---	---	---
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 oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 12	---	---	---
Iron	ppm	■ 58	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	19	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	881	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	27	---	---	---

Depot: VP152741

Unique No: 10655558

Signed: Jonathan Hester

Report Date: 20 Sep 2023

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GRAPHS

