

OIL ANALYSIS REPORT

VOLVO PENTA

NADINE URCIUOLI MICK MCCAFFREY VOLVO PENTA 3200005010 - STARBOARD IPS

Sample No: VPA053245

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053245	---	---	---
Sample Date	09 May 2024	---	---	---
Machine Hours	43	---	---	---
Oil Hours	43	---	---	---
Oil Changed	Changed	---	---	---
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	█ 100	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 5	---	---	---

Diagnosis

No corrective action is recommended at this time. 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		█ 17	---	---	---
Iron	ppm	█ 13	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 12	---	---	---
Magnesium	ppm	█ 930	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1647	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 625	---	---	---

Depot: VP152741

Unique No: 11034503

Signed: Sean Felton

Report Date: 21 May 2024

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GRAPHS

