

OIL ANALYSIS REPORT

VOLVO PENTA

KATHY WEISS VOLVO PENTA 3194006996 - STARBOARD IPS

Sample No: VPA042286

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number	VPA042286	VPA043703	---	---
Sample Date	03 Dec 2023	12 Oct 2022	---	---
Machine Hours	0	484	---	---
Oil Hours	0	25	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Strong's Water Club & Marina LLC
PO BOX 1409
MATTITUCK, NY
US 11952
Contact: JAN SCHARWACHTER
jan@strongsmarine.com
T: (631)298-4739
F: (631)298-4803

OIL CONDITION

Visc @ 40°C	cSt	█ 112	█ 112	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	13	---	---
Sodium	ppm	█ 2	█ 4	---	---
Potassium	ppm	█ 0	█ 0	---	---

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		█ 19	█ 16	---	---
Iron	ppm	█ 17	█ 100	---	---
Copper	ppm	2	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	2	---	---
Chromium	ppm	█ 0	█ 1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	1	14	---	---
Magnesium	ppm	0	6	---	---
Zinc	ppm	10	15	---	---
Phosphorus	ppm	1328	1306	---	---
Barium	ppm	0	2	---	---
Boron	ppm	307	320	---	---

Depot: VP930782
Unique No: 10768641
Signed: Don Baldrige
Report Date: 06 Dec 2023

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GRAPHS

