

OIL ANALYSIS REPORT

VOLVO PENTA

BRINTON 460S-38 JAY VOLVO PENTA 21866032 - STARBOARD IPS

Sample No: VPA058411
Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA058411	---	---	---
Sample Date	16 Nov 2023	---	---	---
Machine Hours	336	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine
PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 106	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	14	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 25	---	---	---
Iron	ppm	█ 133	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	10	---	---	---
Magnesium	ppm	24	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1339	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	332	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: VP153685
Unique No: 10764282
Signed: Angela Borella
Report Date: 01 Dec 2023

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GRAPHS

