

OIL ANALYSIS REPORT

VOLVO PENTA

BOARDWALK RENTAL-BDF 1 1895F222 GD 617804 MERCURY 3B223410 - CENTER GASOLINE ENGINE

Sample No: VPA015459

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA015459	---	---	---
Sample Date	04 May 2023	---	---	---
Machine Hours	13	---	---	---
Oil Hours	13	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

Hagadone Hospitality Co.
1000 S. Marina Dr., PO Box 6200
COEUR D ALENE, ID
US 83814
Contact: CHRIS CRAIG
ccraig@hagadonemarine.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	869	---	---	---
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CONTAMINATION

Water	%	65.3	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	23	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	9	---	---	---

WEAR METALS

Iron	ppm	65	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	8	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	17	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	594	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	298	---	---	---
Phosphorus	ppm	262	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	48	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Appearance is milky. Free water present. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP434653
Unique No: 10469984
Signed: Jonathan Hester
Report Date: 17 May 2023

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GRAPHS

