

OIL ANALYSIS REPORT

VOLVO PENTA

FRANK AGAR VOLVO PENTA A1049273 - STARBOARD DIESEL ENGINE

Sample No: VPA058863

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA058863	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	215	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

BELLINGHAM YACHT SALES (OUILEETE BROS)

1801 ROEDER AVE, SUITE 174
BELLINGHAM, WA
US 98225

Contact: SCOTT HUSO
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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Base Number (BN)	mg KOH/g	█ 8.5	---	---	---
Oxidation (PA)	%	50	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 29	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 1293	---	---	---
Magnesium	ppm	█ 693	---	---	---
Zinc	ppm	█ 787	---	---	---
Phosphorus	ppm	█ 663	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 172	---	---	---

Depot: VP255663
Unique No: 11048547
Signed: Doug Bogart
Report Date: 29 May 2024

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GRAPHS

