

OIL ANALYSIS REPORT

VOLVO PENTA

BECKY BEE VOLVO PENTA A254699 - STARBOARD GASOLINE ENGINE

Sample No: VPA057298

Oil Type: VOLVO FULLY SYNTHETIC

SAMPLE INFORMATION

Sample Number	VPA057298	---	---	---
Sample Date	01 Dec 2023	---	---	---
Machine Hours	378	---	---	---
Oil Hours	10	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 84.61	---	---	---
Visc @ 100°C	cSt	■ 12.88	---	---	---
Viscosity Index (VI)	Scale	■ 151	---	---	---
Oxidation (PA)	%	■ 7	---	---	---

CONTAMINATION

Water	%	■ NEG	---	---	---
Soot %	%	■ 0	---	---	---
Nitration (PA)	%	■ 5	---	---	---
Sulfation (PA)	%	■ 8	---	---	---
Glycol	%	■ NEG	---	---	---
Fuel	%	■ <1.0	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

Iron	ppm	■ 20	---	---	---
Copper	ppm	■ 7	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 7	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 29	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 1931	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	■ 903	---	---	---
Phosphorus	ppm	■ 747	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 8	---	---	---

Outstanding Marine

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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.

Depot: VP153685
Unique No: 10768730
Signed: Doug Bogart
Report Date: 04 Dec 2023

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GRAPHS

