

OIL ANALYSIS REPORT

VOLVO PENTA

BRAD CONNER 460656 VOLVO PENTA 7008480190 - PORT DIESEL ENGINE

Sample No: VPA046561

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA046561	---	---	---
Sample Date	30 Nov 2022	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Base Number (BN)	mg KOH/g	█ 11.6	---	---	---
Oxidation (PA)	%	68	---	---	---

CONTAMINATION

Soot %	%	█ 0.8	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	▲ 40	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

Iron	ppm	█ 39	---	---	---
Copper	ppm	█ 55	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 12	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 2885	---	---	---
Magnesium	ppm	█ 175	---	---	---
Zinc	ppm	█ 1218	---	---	---
Phosphorus	ppm	█ 1005	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 7	---	---	---

Skipper Bud's

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WINTHROP HARBOR, IL

US 60096

Contact: Jim Radsek

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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. Elemental level of silicon (Si) above normal indicating ingress of seal material. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP211714

Unique No: 10242665

Signed: Doug Bogart

Report Date: 09 Dec 2022

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GRAPHS

