

OIL ANALYSIS REPORT

**VOLVO
PENTA**

ED SMOLYANSKY KOHLER KOHLER 20EOZD (S/N NOT GIVEN) - GENSET

Sample No: VPA056189

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA056189	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 14.4	---	---	---
Base Number (BN)	mg KOH/g	7.5	---	---	---
Oxidation (PA)	%	92	---	---	---

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	103	---	---	---
Sulfation (PA)	%	66	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

Iron	ppm	█ 22	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	106	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1663	---	---	---
Magnesium	ppm	494	---	---	---
Zinc	ppm	1154	---	---	---
Phosphorus	ppm	889	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	257	---	---	---

Skipper Bud's

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Contact: Jim Radsek

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T:

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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.

Depot: VP211714

Unique No: 10644689

Signed: Don Baldrige

Report Date: 14 Sep 2023

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GRAPHS

