

OIL ANALYSIS REPORT

**VOLVO
PENTA**

AMAD KOHLER SGM32L9H9 - GENSET

Sample No: VPA050599

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA050599	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 14.36	---	---	---
Base Number (BN)	mg KOH/g	8.5	---	---	---
Oxidation (PA)	%	74	---	---	---

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	41	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1349	---	---	---
Magnesium	ppm	665	---	---	---
Zinc	ppm	938	---	---	---
Phosphorus	ppm	763	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	62	---	---	---

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 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: VP153685
Unique No: 10578400
Signed: Doug Bogart
Report Date: 31 Jul 2023

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GRAPHS

