

OIL ANALYSIS REPORT

VOLVO PENTA

KOHLER SGM32C9SR - GENSET

Sample No: VPA051634

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA051634	---	---	---
Sample Date	17 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

FIVE STAR MARINE

4542 DOSS RD
AUSTIN, TX
US 78734
Contact: TAYLOR DEPRATO
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T: (512)748-3804
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.0	---	---	---
Base Number (BN)	mg KOH/g	█ 8.9	---	---	---
Oxidation (PA)	%	65	---	---	---

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.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	96	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1527	---	---	---
Magnesium	ppm	670	---	---	---
Zinc	ppm	834	---	---	---
Phosphorus	ppm	726	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	326	---	---	---

Depot: VP303871
Unique No: 10989294
Signed: Doug Bogart
Report Date: 22 Apr 2024

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GRAPHS

