

OIL ANALYSIS REPORT

VOLVO PENTA

SLY DZIUBA 520-278 JAY CUMMINS G220107324 - GENSET

Sample No: VPA058384

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA058384	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	186	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	9.6	---	---	---
Oxidation (PA)	%	65	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 1.9	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. 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.

WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1700	---	---	---
Magnesium	ppm	600	---	---	---
Zinc	ppm	904	---	---	---
Phosphorus	ppm	786	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	45	---	---	---

Depot: VP153685
Unique No: 10764021
Signed: Jonathan Hester
Report Date: 06 Dec 2023

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GRAPHS

