

OIL ANALYSIS REPORT

VOLVO PENTA

POWERSECURE VP-346944 - INDUSTRIAL - GENSET

Sample No: VPA049651
Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA049651	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	49	---	---	---
Oil Hours	49	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	■ 9	---	---	---
Base Number (BN)	mg KOH/g	6.9	---	---	---
Oxidation (PA)	%	45	---	---	---

CONTAMINATION

Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	56	---	---	---
Sulfation (PA)	%	44	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 0.2	---	---	---
Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

Iron	ppm	■ 1	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	67	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1783	---	---	---
Magnesium	ppm	65	---	---	---
Zinc	ppm	1002	---	---	---
Phosphorus	ppm	829	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	66	---	---	---

VOLVO PENTA - CORPORATE

1300 VOLVO PENTA DRIVE
CHESAPEAKE, VA
US 23320

Contact: Aaron Davis
aaron.davis@volvo.com

T:
F: (757)436-5150

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. 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. Tests indicate that there is no fuel present in the oil. 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: VOLVOPENTA
Unique No: 10585766
Signed: Sean Felton
Report Date: 03 Aug 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

