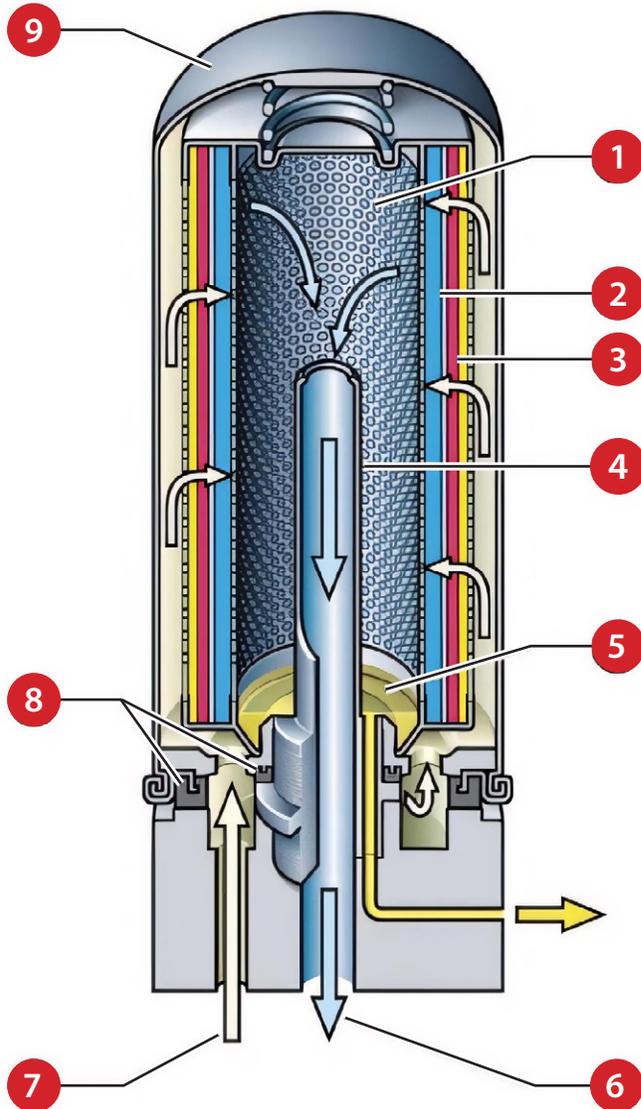


CAS Separator Function



1. Oil-separated air
2. Subsequent separation
3. Main separation
4. Pressure-resistant tube
5. Separated oil
6. Oil-separated air outlet
7. Air/Oil inlet
8. Sealant
9. Pressure-resistant housing

The separator cartridge separates the residual oil from the air after pre-separation.

Depending on the pre-separation in the separator vessel the residual oil content is $1-5\text{mg/m}^3$.

The pressure drop in the separator cartridge is typically 0.2 bar/3 psi.

The separator oil is guided via a check valve back to the oil reservoir.

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