

# Take off with UpCore™

Give your converter a new life. Airbus recommends airlines to UpCore™ A320 Series Ozone Converters to VOZC Converters.

<https://catalysts.basf.com/aerospace-vozc>

Airlines increasingly are suffering flight delays and potential diversions due to cabin odor issues and fume events. These delays cost airlines money, inconvenience their customers and tarnish their image. Our UpCore offering from BASF Environmental Catalyst and Metal Solutions provides a cost-effective and sustainable technology upgrade for airlines to mitigate these issues. With our UpCore™ Service, we replace your current Ozone-only or Ozone-VOC catalyst core with our Airbus approved VOZC catalyst core. UpCore™ is a standard procedure that BASF has been performing for numerous years.



## VALUE TO AIRLINES

Upgrade your equipment to the latest technology sustainably with minimal cost. Airlines reduce the **risks of flight delays** due to cabin odor issues and fume events in a cost-effective and easy-to-implement way and **save costs of odor events** averaging more than \$100,000, guarantee passengers and crew a **pleasant experience**.



## VALUE TO PASSENGERS AND FLIGHT CREW

Passengers and flight crew **enjoy their stay** in the airplane! Without unpleasant smells like petroleum or dirty socks, they will **have a positive experience** on-board, leave the plane more relaxed and **spread the word** to strengthen the airline's positive image.

**Bleed Air Quality Index: Leveraging Our Catalysis Expertise to Consolidate Thousands of Data to One Number That Matters to You**

49  
VOZC  
Converter

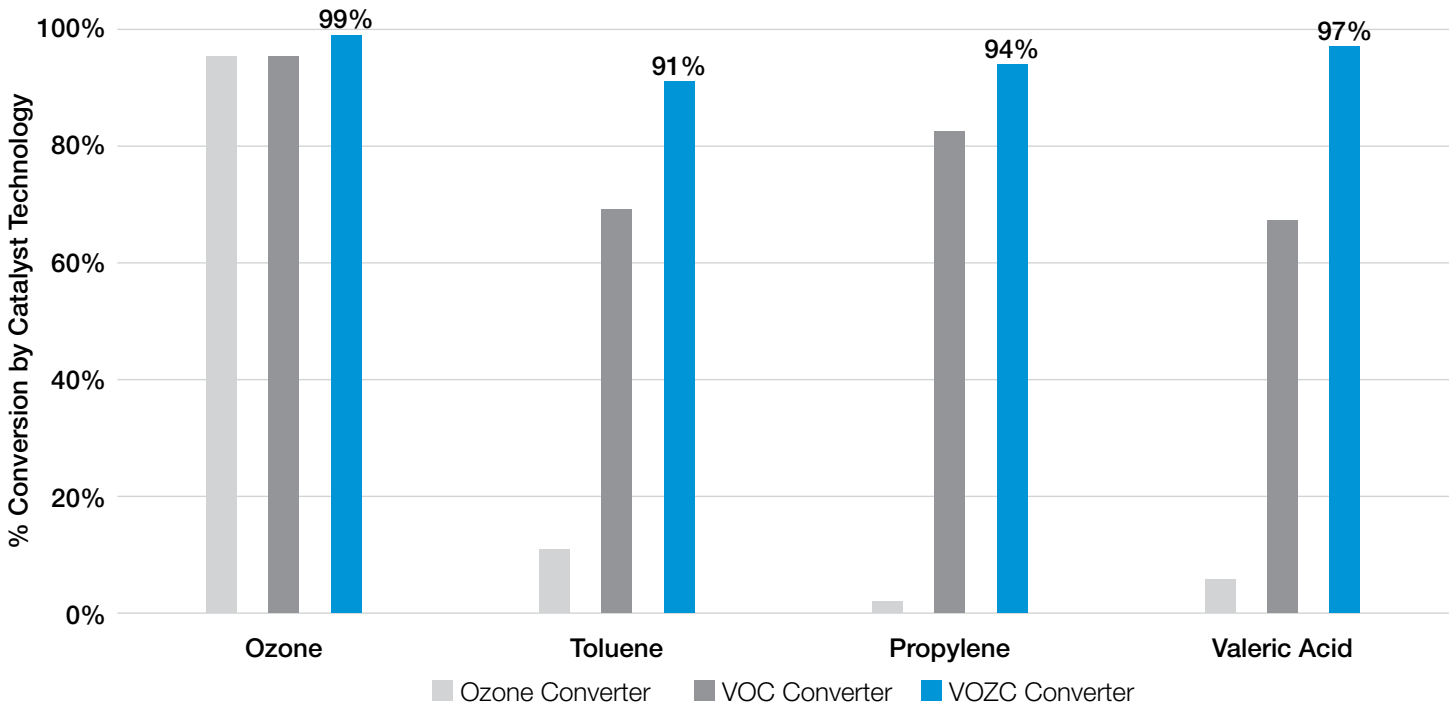
16  
VOC  
Converter

3  
Blank

BAQ™  
INDEX

= VOC + Ultra Fine Particles + O<sub>3</sub>

## BASF VOZC OUTPERFORMS ALL KNOWN AVIATION CATALYST TECHNOLOGIES



### YOUR BENEFITS WITH UPCORE™

- **Seamless, cost-effective and sustainable** upgrade from ozone-only converter to Airbus approved Ozone-VOC or enhanced VOZC catalyst technology by reusing the existing housing.
- Ozone-VOC and VOZC converters mitigate **odor causing hydrocarbons** while retaining the necessary **compliant ozone conversion** function of standard ozone-only converters.
- Improve aircraft **operational reliability** and **passenger/flight crew comfort** by reducing odors entering the cabin.
- Reset converter performance to OEM factory-new state of an Ozone-VOC converter that utilizes the **same OEM part number** as a factory-new part without the need of a STC or DER. OEM equipment will meet leasing company requirements.
- Next generation VOZC converter technology offers a **step-change improvement** across a wide array of VOCs, **removing 97 percent of the nastiest odorous VOCs (valeric acid)** in the bleed air entering the cabin.
- **Over 30 years in OEM MRO Service expertise** that ensures confidence in converter performance.

Contact: [aircraft.cleanair@basf-catalystsmetals.com](mailto:aircraft.cleanair@basf-catalystsmetals.com)



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