

Fuel Right[®] Filming Amines: A Cost-Effective Way to Clean, Maintain, and Preserve Fuel Tanks

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Water is always present in open-vented fuel tanks.

Water leads to biological contamination, which leads to **corrosion.**

FRP and lined tanks resist corrosion –
but these will still allow sludge to
grow.

Sludge and water together are the
leading cause of corrosion of tanks and
steel or iron system components.

Most fuel system biological problems occur in or under biofilms.

Biofilms can grow on any solid surfaces.

Biofilms can be difficult to remove.

Some use grit blasting to fully clean tank surfaces, but this can remove metal as well and shorten tank life.

Grit blasting also requires down time and tank entry. This makes it a very expensive cleaning technique.

Biocides are often used in an attempt to kill the offending microbes, but

Biocides are generally ineffective against microbes encased in biofilms.

As a result, biocide treatment, while giving temporarily lower “total counts” of bacteria, often result in **increased** sludge formation and corrosion – and **increased** bacteria counts in the long run.

It has been found that certain **filming amines** – in combination – will not only stop corrosion, but also strip and remove sludge and biofilms.

Such treatments also continue to work long after treatment – often **months** after the treated fuel has been consumed.

Laboratory tests simulating worst-case conditions showed that existing corrosion in badly contaminated diesel fuel stopped **within hours** following first treatment – and remained stopped more than five years after treatment ended – even though the fuel was changed monthly and not treated for those many years.

There are many ways to use this chemistry, including some that require no down time, no tank entry, and no physical cleaning.

This chemistry is available world-
wide as **Fuel Right[®]**.

For more information, stop by
booth #15

Or visit **fuelright.com**