

Got Ethanol?

Beware of Ethanol & Some Blended Fuels



Did You Know...

As part of a push for renewable bio-fuel development, The Energy Policy Act of 2005 requires ethanol production to nearly double in the US by 2012. The EPA, which is responsible for setting Federal Guidelines that regulate fuel content, is allowing a 10% ethanol and gasoline blend for common engine use: percentages higher than E10 are currently prohibited. While engine and component manufacturers work diligently toward ethanol compatibility, potential effects of E10 and E85 fuels on existing marketed products remain one to be wary of...

Here's How It Works & What You Need to Know:

Scepter & Moeller's forward thinking fuel system components are innovated to withstand many harsh deteriorating effects of ethanol blended fuels through rigorous testing.

Ethanol is Hygroscopic, Mixing More Easily with Water Than with Gasoline

- Contributes to decreased fuel surface tension, increased fuel tank condensation, fuel separation and octane imbalance
- May lead to serious damage to some fuel system components - regular fuel system maintenance recommended with each use
- Moeller's Clear Site™ water separating filters with Hydro-shield™ can help the process of fuel system water removal for better fuel system maintenance



Ethanol Increases Fuel Electrical Conductivity

- Promotes metal corrosion of system components
- Detachment of otherwise inert rust and system contaminants
- May lead to plugged filters, engine and fuel system component malfunction
- Moeller's full line of Clear Site™ water separating fuel filters and polymer fuel tanks provide a perfect solution for ethanol blended fuels

Ethanol Blends, Such as E10 Affect the Integrity of Some Gaskets & Seals

- Can cause common materials to swell in excess of 35% and shrink by 6%
- Results in improved fuel flow restrictions and no leaks
- Our new fuel connectors are designed for use with Mercury, BRP (Johnson & Evinrude) and Yamaha engines which will meet the demand



See What We're Doing!