UNDERSTANDING PUMPS IN CLEAN FUEL

What are clean fuel solutions?

Clean Fuel Solutions include renewable fuels, emissions-control fluids, and technologies designed to power cleaner operations and lower environmental impact.

Role of pumps:

Behind clean energy solutions are reliable pumps, enabling the safe transfer of critical fluids used in renewable fuels, water treatment, and emissions-reduction technologies.

Types of Clean Fuel

Ethanol

Ethanol is produced by fermenting crops like corn, sugar cane, and some algae. It's commonly added to gasoline to help fuel burn cleaner and reduce emissions.

Biodiesel

Biodiesel, introduced under the 2005 Renewable Fuel Standard, is made from renewable sources like soybean oil and animal fats and burns up to 75% cleaner than regular diesel.

Diesel Exhaust Fluid

Diesel exhaust fluid (DEF), also known as AdBlue, is a blend of 32.5% high-purity urea and 67.5% deionized water used to reduce harmful diesel emissions.

Clean Fuel Pump Solutions

Pump Applications

Finish Thompson's sealless mag-drive and air-operated double-diaphragm pumps support key biofuel applications, including:

- Chemical transfer
- Ethanol and biodiesel processing
- Additive injection
- Tanker loading
- Waste handling

Applicable Series

- **FTI Air - AODD**
- **ULTRAChem Series**
- **DB Series**
- **SP Series**
- **MSBD Series**
- **Drum Pumps**

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