

# Safe Gel Pig Products

## DESCRIPTION

PIC has a full range of Safe Gel products for a variety of applications where mechanical pigs are not an option. These products can be used on lines which are considered unpiggable, or simply where risks are considered too high to deploy conventional mechanical pigs.

Safe Gel Pigs can also improve mechanical pig performance by reducing the number of pig runs. Safe Gel Pigs enhance solids and water removal, de-oil metal surfaces, lubricate, reduce blowby and can be designed to function in virtually any environment.

## SAFEGEL PRODUCTS

- AquaGel
- AquaGel Plus
- AquaGel HD
- AlcoGel M
- AlcoGel MEG
- AlcoGel E
- DynoWash Gel
- PetroGel K
- PetroGel X
- PetroGel E
- PetroGel ME

## FEATURES & BENEFITS

- Hydrocarbon, Glycol and water based systems available
- Multi-diameter pipeline pigging capability
- Short radius bend maneuverability
- Surveillance runs for mapping internal pipeline geometry
- Functional chemicals (i.e. nano-surfactants) can be added to improve performance such as de-oiling
- Beneficial for locating pipeline restrictions
- Rheological properties suspend and transport solid particles
- Used as a spacer to prevent intermixing of incompatible fluids
- Used in conjunction with mechanical pigs to reduce wear and bypass
- Custom formulations provided that are biodegradable and compatible with downstream and refinery guidelines.

## APPLICATIONS

Used in operations such as flooding, dewatering, deoiling, batching, debris removal, chemical spacers and cleaning, subsea isolation, as well as more unusual applications such as assistance in fish and other mechanical pig recovery. Utilized in both liquid and gas lines of every diameter.