

# DSGA<sup>®</sup> Polymer



Drilling Specialties Gelled Acid (DSGA<sup>®</sup>) Polymer is a superior gelling agent for acids used in stimulating production from oil and gas wells. It was developed specifically to provide exceptionally stable viscosity in hydrochloric acid. Since its introduction in 1983, DSGA<sup>®</sup> Polymer has been successfully used in acidizing treatments throughout the world in a variety of formations, acid concentrations, high-temperature environments and divalent ion conditions.

The complete spectrum of hydrochloric acid concentrations, ranging from 1% to 28%, may be viscosified with DSGA<sup>®</sup> Polymer for matrix or fracture acidizing treatments in limestone, dolomite or other calcareous formations. DSGA<sup>®</sup> Polymer offers the key property of maintaining a stable viscosity, thereby assisting in controlling fluid leak-off to the formation and retarding the acid reaction rate with the acid-soluble formation.

## DSGA Polymer is Proven in the Field

For over ten years DSGA<sup>®</sup> Polymer has successfully increased the production of oil and gas wells the world over. Many operators have seen the production improvement sustained for long periods: even one and two years after acidizing. Wells from 80 to 340°F (27 to 171°C) BHST have been stimulated by hydrochloric acid gelled with DSGA<sup>®</sup> Polymer.

## Advantages

- Gives higher acid viscosities at elevated temperatures
- Reduces fluid loss and reaction rate
- Generates deeper fracture penetration
- Improves etching capabilities
- Increases fluid efficiency with laminar flow
- Allows more efficient use of hydrochloric acid
- Provides outstanding debris suspension and removal
- Offers excellent friction reduction

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Drilling Specialties Company does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.