

TECHNICAL
INFORMATION
SHEET

FRANKLIN GELLED ACID

Franklin Gelled Acid (FGA) is a high-strength, reactive fluid designed for use in fracture acidizing treatments. FGA design allows for deep penetration into limestone reservoirs. FGA can be used with 15%, 20%, and 28% HCL acids, but it can be also use with Franklin’s Dolomite Soluble Acid (DSA).

FGA exhibits the unique characteristic of building viscosity as the acid spends, reaching a maximum viscosity when the acid has spent to approximately 12% HCL. The viscosity development varies depending on the strength of the acid being used. Generally, 15% HCL will develop a maximum viscosity of 65 cps, 20% HCL 95 cps and 28% HCL will develop 120 cps viscosity. As the acid continues to spend, the viscosity continues to drop. Returns from the well have been very low in viscosity and are normally foamy. This assists in the cleanup of undissolved fines from the well.

