



Providing Application Expertise and Chemical Technology to Industry

Chemicals for Hydraulic Fracturing

Friction Reducers

- Anionic polymer technology engineered to maximize pressure reduction over the widest array of substrate and feed variations.

Shale Stabilizers

- Anionic polymer technology engineered to maintain borehole stability by inhibiting swelling and minimizing erosion.

Defoamers

- Defoamers and anti-foams are available in oil, water, silicone and synthetic form. Designed to remove entrained air from mud formulations at various pH and temperatures. Concentrates are available for applications where on-site let down or dilution is required.

Anti-Microbial Agents

- A wide variety of non-oxidizing biocides are available including gluteraldehyde and dazoment in varying concentrations.

Gelling Agents (Viscosifiers)

- Xanthan – Gloxylated dispersible gum.
- Guar – Quick hydrating guar gum
- Synthetic gel – A polymeric/rheological viscosifier technology developed to perform at higher efficiency than conventional gum viscosifiers.

Corrosion Inhibitors

- A concentrated blend engineered to chelate a broad spectrum of metals at low dosages relative to individual products. Product provides superior performance at pH range between 3 & 13.

Wetting Agents

- Anionic and non-ionic surfactant technology for improvements in thermal stability, rheological stability, filtration control and emulsion stability while improving the fluid's resistance to contamination.

Questions: email custsvc@jlkindustries.com or visit www.jlkindustries.com