

Oilfield Chemical Additives Supplier for

- Drilling
- Completion
- Production
- Stimulation

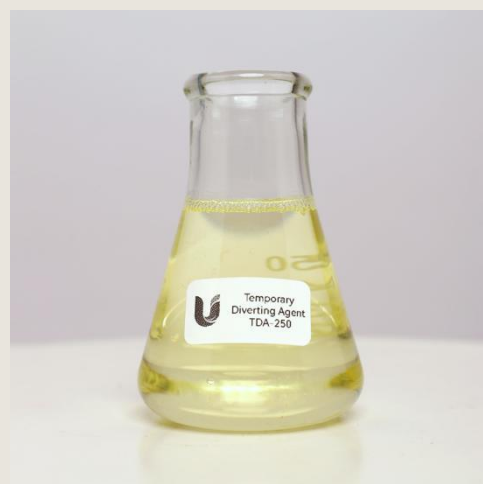
High-Temperature Temporary Diverting Agent

TDA-250



High-Temperature Temporary Diverting Agent TDA-250

Diverting agents, also known as chemical diverters, function by creating a temporary blocking effect. A chemical agent used in stimulation treatments to ensure uniform injection over the area to be treated. In improving stimulation efficiency, Temporary Diverting Agent TDA-200 is a critical component in the realm of well stimulation and hydraulic fracturing operations.



Technical Index

Appearance	White, clear solid
Specific Gravity	1.1-1.38 g/ml
Solubility	Water, acid
Shape and size	Ball, particle, powder, fibre

Product introduction

Acidizing has been widely used as an important measure for stimulation of carbonate reservoirs. The key of acidizing technology lies in whether it can make the whole reservoir distribute acid evenly, relieve the pollution near the wellbore zone, and construct a new circulation channel between reservoir and wellbore, so as to improve the production of oil and gas wells.

Different acidizing technologies have been tested in oilfields. Temporary diverting acidizing technology has been studied and applied because of its easy operation, cleanliness and complete degradation, and no pollution to reservoirs. Temporary Diverting agent TDA-250 provides temporary diversion to ensure complete stimulation of all perforation clusters and targeted zones.

TDA-250 diverting agent is effective in high-temperature hydraulic fracturing and re-fracturing, acid fracturing and matrix acidizing applications, and provides both near-wellbore and far-field diversion in sandstone and carbonate formations. For simplified application and logistics, TDA-250 can be pumped in variety of carrier fluids such as slick water, gelled acid, linear gels and viscoelastic surfactants.

TDA-250 provides enhanced near-wellbore diversion in both cased-hole and open-hole applications using tri-modal particle size distribution. TDA-250 is comprised of a mixture of large robust particles as well as smaller particles, is designed to bridge across perforations, wormholes, and fractures, while minimizing the permeability of the diverter pack. A smaller bi-modal distribution of TDA-250 can be pumped to provide a far-field diversion.

TDA-250 is fully degradable and soluble in both hydrocarbons and water-based fluids while the rate of dissolution is sufficiently low to allow mixing and pumping without degradation of the TDA-300. The TDA-250 is engineered for use in applications ranging from 250° to 300°F.

Application

Effective diversion in initial fracturing and re-fracturing applications in both oil and gas wells

Effective performance in conventional and unconventional reservoirs

Sandstone and carbonate formations

Cased and open-hole intervals

Matrix acidizing, acid fracturing and hydraulic fracturing

Features and benefits

Wide particle size distribution

Ensure uniform stimulation coverage of the entire interval

Improves diversion performance in both near-wellbore and far-field applications

Delivers enhanced fracture density and complexity

Dissolves fully in water and oil

Returns to full production in short period of time

Ensures superior regain conductivity

Compatible with common mix water, stimulation fluids, and additives

Requires no special equipment

Compatibility

TDA-250 is compatible with all common fracturing fluids. A compatibility test is recommended prior to use with anionic and amphoteric additives.

Packing

50 pound bags or 1000 pound super sacks.

Regulatory information

Wear appropriate protective gloves when handling. Do not eat, drink or smoke in the workplace. Wash hands before breaks and after work. Remove contaminated clothing and protective equipment before entering eating areas. Provide appropriate exhaust ventilation at places where amounts of dust is formed. Use in a well-ventilated area. Store in dry , cool ,and well-ventilated place. Keep container tightly closed. For more information, please refer to SDS.

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Youzhu Chem offers a wide range of oil field chemicals widely used in the various stages of oil and gas production. And we have developed the finest quality Oil Soluble Demulsifier, Water Soluble Demulsifier and Corrosion Inhibitors. Our products enable customers to maximize value in their oilfield operations, and increase the overall efficiency of the well.