

DA-355

High-Temperature Temporary Diverting Agent

Description

Diverting agent DA-355 provides temporary diversion to ensure complete stimulation of all perforation clusters and targeted zones. DA-355 diverting agent is effective in high-volume 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, DA-355 can be pumped in variety of carrier fluids such as slick water, gelled acid, linear gels and viscoelastic surfactants.



Figure 1. Tri-modal particle-size distribution designed for near-wellbore diversion.



Figure 2. Flakes as a component designed for excellent perf cluster plugging.

DA-355 provides enhanced near-wellbore diversion in both cased-hole and open-hole applications using tri-modal particle size distribution (**Figures 1 and 2**). DA-355-NWB (Near Well Bore) 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 DA-355-FF (Far Field) can be pumped to provide a far-field diversion typically used in acid stimulation or in formations with a high degree of natural fractures.

DA-355 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 DA-355. The DA-355 is engineered for use in applications ranging from 175° to 355°F.

Applications

- 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



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- 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 stimulation fluids and additives
- Requires no special equipment

Typical Properties

Appearance	White, clear solid
Specific Gravity	1.25 g/ml

Packaging

50 pound bags or 1000 pound supersacks

Regulatory Information

Not DoT regulated for transport. Please refer to SDS

Compatibility

DA-355 is compatible with all common fracturing fluids.

Availability

Global from Houston, TX-USA, Midland, TX-USA and Bombay, India