

S-E9 Thixotropic Agent – Cement Strength Enhancer

Product Data



SE-9 is a thixotropic additive designed to help control free water, promote early strength development, enhance overall strength development, prevent cement fallback, and control fluid and gas migration during primary cementing applications.

SE-9 provides these benefits using very low loading levels as well as improvements with fluid properties and strengths in water extended slurries when quickset cement is needed (squeeze jobs, plugs and water shutoff operations).

Advantages & Benefits

- Allow slurry properties such as transition times and gelation profiles to be customized for specific jobs. Helps slurries develop early strength quickly.
- Reduces job costs by reducing waiting-on-cement time and reduces the need for fluid-loss additives, free water control additives, and gas migration control additives.
- Easy to handle and mixes well in low shear rate environments.
- Can be a good alternative to gypsum in applications requiring free water control and gas migration control.
- Excellent improver of fluid loss control, gas migration control, and free water control.
- Stable performance in varied temperature and salinity conditions.

Cost

Total well costs are often lower as a result of higher product operational efficiency, fewer performance problems and less rig time. SE-9 results in lower operational costs as a result of an increased drill rate and an increased cement bonding strength when applied.

Compatibility

SE-9 is broadly compatible with all API classes of cements and both freshwater and salt slurries.

Recommended Treatment

0.01 to 0.5% by weight of cement (BWOC) depending on the application.

Handling

For specific instructions refer to SDS information or as illustrated on product containers.

Packaging

SE-9 is normally packaged in 25kg (55lb) and 50lb bags, 40 bags per pallet.

Application	Material Properties
Suitability	Recommended as thixotropic additive and early/overall strength enhancing agent for freshwater and salt slurries with low - high temperature ranges
Color	White Powder
% Solubility in Water	Soluble
Recommended Treatment	0.01% to 0.5% by weight of cement (BWOC)
pH	>12.0

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