

Fluid Loss Additive SGD-122

The new generation of universal fluid loss additive SGD-122 demonstrates high efficiency and allows to obtain low filtration rates even at concentrations of 0.3% by weight of cement.

The additive is a white powder and allows you to incorporate both in a dry cement mixture and in a grout fluid.

SGD-122 works effectively in a wide temperature range from 10 to 180gC. At the same time, the additive does not have a significant inhibitory effect at low temperatures, which allows to obtain a higher strength of cement stone after WOC.

The additive is universal and can be used both in normal density cement mortars (1.82-1.95 g / cm³), and in lightweight cement mortars (1.45 - 1.8 g / cm³)

Advantages

- Polymeric fluid loss reducer
- Operating temperature range (downhole circus temperature) from 10 to 180g C
- Effective with solutions with density from 1450 kg / m³ to 1950 kg / m³
- Does not show a retarding effect at low temperatures
- Does not create a gelling effect of cement mortar
- Concentration from 0.3% to 1.5% by weight of cement (BWOC)

Technical Parameters

Description	Specification*
Appearance	Белый порошок
Initial consistency , Bc (76°C, 62 МПа)	≤20
Physical form changing time 40Bc ~ 100Bc, min	12
Fluid loss, ml (76°C, 1000psi, 30 min)	50
Compressive strength, mPa (76°C, 62mPa, 24h)	26

* Slurry Density 1.9 gr/cm³. Cement G, fresh water, SGD-122 0.3%, defoamer CleanSol, Retarder RT-2P 0.2%

Packing, transportation, handling

- 3-layer 25kg bags or under customer's request
- Keep in closed packing in dry and well ventilated places
- Do not damage packing.
- Shelf time 2 years.

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