

- DESCRIPTION** Fritz 3022L is a liquid cement anti-foaming agent that may be added to the slurry mixing water to decrease foaming and minimize air entrainment in cement slurries. 3022L is especially effective with liquid latex cement slurries.
- ADVANTAGES**
- Reduces foaming in mixing water and entrainment of air in cement slurries while mixing and allows more accurate measurement of slurry density at surface conditions before pumping down hole.
 - It is effective in cement slurries containing surfactants and may also be used in water-based spacer systems.
 - May be used in wells with bottom hole circulating temperatures up to 500°F. (260 C)
- APPLICATION**
- Fritz 3022L may be used as a defoamer in any API class of cement (A, C, G, or H).
 - It may be used with other cement additives such as dispersants, silica flour, fluid loss additives and weighting materials.
 - Adding salt or cement retarders to the slurry may cause increased foaming.
- PROPERTIES**
- Creamy White Liquid
 - Specific Gravity – 1.00
 - Bulk Density – 8.33 lb./gal.
 - Absolute Volume – 0.1200 gal./lb.
 - pH – 7.0
 - Packaged in 5 gallon pails and 52 gallon drums
 - Water Requirements – none
 - Loading Rate – 0.02 to 0.20 gal./sk of cement (0.02 to 0.15 gal./bbl of spacer)

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