



## Cebo Hybrid-Gel

Industrial Drilling

### Description & Properties

Cebo Hybrid-Gel is a high yield **biodegradable** fluid system based on natural non-toxic polymers. Cebo Hybrid-Gel provides **high viscosity**, excellent carrying capacity, low filtration loss and strong clay and shale inhibition.

Cebo Hybrid-Gel can be used as a single-product solution in various drilling applications, especially to be used in situations where clay-based drilling fluids are restricted.

Cebo Hybrid-Gel is **PLONOR** compliant, is **CEFAS** registered, has a high yield point and gel strengths, can be cleaned through a recycle unit and works as shear thinning.

### Typical values

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Requirement</u>	<u>Typical value</u>
Composition			Dry, free flowing polymer
Colour			Off-white
Form			Powder



### Recommended use

Cebo Hybrid-Gel can be mixed in amounts with the mixing ratio in *fresh water* with consolidated formations is 2 - 4 kg/m<sup>3</sup> and in *salt water* 2 - 4 kg/m<sup>3</sup>.

The mixing ratio in *fresh water* with unconsolidated formations is 3 - 5 kg/m<sup>3</sup> and in *salt water* 3 - 5 kg/m<sup>3</sup>.

Add slowly through a high-shear venturi hopper, maintain circulation until the Cebo Hybrid-Gel is fully dispersed and hydrated.

*Fast degradation* of the Cebo Hybrid-Gel can be achieved by addition of 1 - 3 kg/m<sup>3</sup> calcium hypochlorite.

To *retard* the degradation of the Cebo Hybrid-Gel an addition of 0,5 - 1,25 litre/m<sup>3</sup> of 5.25% sodium hypochlorite can be used.

Cebo Hybrid-Gel is available in 5 kg pails and in 25 kg bags.

In so far as we can ascertain the above-stated information is correct. However, we are unable to provide any guarantees with regard to the results that you will achieve with this. This specification is provided on the condition that you determine yourself to what degree it is suitable for your purposes.

Date : 12.08.2019  
Document number : 111801GB

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