

# CEBOGEL<sup>®</sup> OCMA



**CEBOGEL OCMA is a sodium-activated Bentonite, defined as our most concentrated Bentonite drilling product (up to 8%). Under pumping conditions, CEBOGEL OCMA is subject to shear thinning and becomes easily flowable; when motionless, the fluid thickens into a gel-like structure, allowing for effective suspension and carrying of large cuttings. CEBOGEL OCMA is a versatile drilling Bentonite, ideal for large-diameter HDD operations due to its high gel strength and stable viscosity. CEBOGEL OCMA can be recycled and reused efficiently.**

#### Functions

- Viscosifies water-based drilling fluids.
- Reduces filtration by forming a thin filter cake with low permeability, resulting in borehole stabilisation.
- Improves hole-cleaning capabilities.

#### Advantages

- High(er) mixing ratio, allowing more Bentonite particles per volume.
- Easy to mix, and quickly reaches maximum viscosity.
- Effectively used in a wide range of concentrations.
- Competent in various drilling applications.
- Provides option of using a range additives.
- LAGA certified in Germany by Horn & Co. Analytics.

Approximate amounts of CEBOGEL OCMA added to water based fluids:

<b>Normal drilling conditions</b>	60 - 70 kg/m <sup>3</sup>
<b>Unconsolidated formations</b>	65 - 75 kg/m <sup>3</sup>

