



**CLEAR SOLUTIONS**

Performance Drilling Products  
The Earth Can Trust

# Ultrabore®

## Performance Technology for Cleaner Drilling

### Description

Ultrabore® is an ultra high yield drilling fluid based on high quality sodium bentonite. It is specially formulated to optimise hole cleaning and maintain borehole integrity in large diameter top hole sections, horizontal and high angle drilling applications.

Ultrabore® demonstrates exceptional shear thinning rheological properties and fluid loss control for optimum hole cleaning and stability.

Ultrabore® is an easy to use and mix product, which is non-toxic, stable and tolerant of a reasonable level of hardness and low pH.

Ultrabore® can also be used as a high quality drilling fluid and lubricant for a wide range of rotary drilling, tunnelling, pipe jacking and piling support applications.

### Recommended Treatment

Mix Ultrabore® in fresh water using a high-shear or colloidal mixer:

| Ultrabore® mixing Ratios | kg/m <sup>3</sup> | lbs per barrel |
|--------------------------|-------------------|----------------|
| Normal conditions        | 25-35             | 8.75-12.25     |
| Sand and gravel          | 30-45             | 10.5-15.75     |
| Fluid loss control       | 47-70             | 16.5-24.5      |

Refer to Clear Solutions SDS for health and safety guidance before handling and mixing

### Packaging

Ultrabore® is packaged in 25kg plastic bags, 40 bags per pallet or in 1 metric tonne IBCs. All pallets are stretch wrapped.

No warranty express or implied, of merchantability fitness for a particular purpose or otherwise is made, except the product conforms to seller specifications. Buyer assumes all risk of use, storage and handling. Seller shall not be liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, use, storage or handling of the product.

### Benefits



Hole Stability



Faster ROP



Reservoir Protection



Less Problems



Better Production



Reduce non-productive time



Cost Saving



Environmentally Friendly

### Functions

- Improves borehole stability in unstable /poorly cemented formations e.g. sand and gravel.
- Builds high stable gel strength and generates high low-end rheological properties for optimum hole cleaning in vertical horizontal, high angle and large diameter boreholes.
- Easy to mix and fast to yield to operational viscosity.
- Can yield more than twice as much fluid of the same viscosity as an equal weight of API oilfield grades of bentonite.

### Clear Solutions Group of Companies

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