

# PureMagic single-sack oil-based mud system

## Streamline fluid management to boost rigsite efficiency and safety

### Applications

- Oil-based mud mixing at liquid mud plants or at the rig site
- Drilling operations requiring shorter mixing times and lower mud costs
- Pre-mixed OBM treatment, with mandatory pilot testing, where increase in fluid viscosity is required

### Benefits

- Streamlines fluid preparation by minimizing the number of products to mix
- Provides an economic alternative to buying whole mud
- Lowers HSE risks, waste, and logistics

Mixing large volumes of oil-based mud (OBM) has traditionally been a labor-intensive, time-consuming, and inefficient process. Conventional OBM preparation demands mixing multiple fluid additives from different sacks or drums, requiring significant space, generating multiple waste streams, and complicating on-site logistics and handling.

The PureMagic™ single-sack OBM system from Baker Hughes is an innovative, first-of-its-kind OBM solution that revolutionizes how drilling fluids are mixed and managed in the field.

This groundbreaking technology combines multiple fluid components into a single premeasured sack providing viscosity, emulsification, filtration control and alkalinity.

PureMagic's 1:1 blend ratio—one sack for one barrel of drilling fluid—simplifies mixing and slashes prep time. At the same time, the one-sack system reduces HSE risks and spills to the environment, simplifies chemical handling, and allowing for optimized fluid management with less waste and potentially lower fluid costs.

### Simplifying prep and improving reliability

PureMagic arrives as a pre-blended, uniform formulation of multiple additives in a single sack. This eliminates the need for high inventories of individual additives on-site and streamlines the ordering and stocking processes.

The multifunctional product affords greater ease of use while reducing mixing errors and achieving more

consistent and reliable mud properties. Designed for diesel-based drilling fluids and turn-key land operations in mind, the versatility of PureMagic allows for mixing across a broad range of fluid densities. Moreover, PureMagic's ability to be customized for use with mineral and synthetic oils means it is adaptable to a wide variety of operational demands.

### Improving operational efficiency

By replacing multiple OBM additives with a single, multifunctional product, PureMagic helps reduce material inventory, optimize site space, shorten mud mixing time, and free up crew hours. Its streamlined logistics also offer potential savings in transportation, waste disposal, and overall mud costs.

### Raising the bar for HSE

PureMagic dramatically reduces chemical exposure and handling on the rig, helping mitigate spill risks and improve overall safety.

And with less packaging, fewer transport trips, and minimized waste generation, PureMagic redefines what's possible in OBM management with a true leap forward in drilling fluid technology.

Ultimately, PureMagic redefines what's possible in OBM management with a true leap forward in drilling fluid technology.

Contact your Baker Hughes representative to learn how this breakthrough system can help you streamline fluids management, improve safety, and simplify operations—without compromising performance.