



Technical Data Sheet

GRAPHITE

Product Description

Graphite is a revolutionary new LCM that has been designed to overcome traditional loss circulation materials that are ineffective and can cause formation damage, leading to reduced productivity and increasing drilling cost challenges. Made from high-purity graphite, Graphite forms a resilient, flexible seal that conforms to the shape of the fracture, reducing mud loss without causing formation damage. Additionally, Graphite is inert, non-toxic, and easily dispersed in the mud, making it an environmentally friendly and cost-effective solution.

Applications:

Graphite has demonstrated outstanding performance, reducing mud loss by up to 90% and significantly improving drilling efficiency. Its resilience and flexibility also make it ideal for use in highly fractured formations, where traditional LCMs often fail.

Treatments:

Typical treatments range from 2 - 6 lb/bbl for seepage loss control. Treatments 6-10 lb/bbl for more severe losses.

KEY BENEFITS

- Better well-bore stability
- Helps reduce torque & drag
- Improve drilling efficiency
- Minimize formation damage

Key Properties

Color	Black/Brown
Physical Form	Powder
Sg	1.7 - 1.9
Packaging	50 lb Sacks