

True Seal™

Description: True Seal™ is a unique mix of cellulose fibers that is used as a lost-circulation material and plugging agent.

Benefits and Use:

- True Seal™ can be used in all mud systems to seal and bridge permeable formations.
- True Seal™ has no effect in the rheology and the electric stability of the OBM especially on synthetic base muds. Reduces the fluid loss, enhances filter cake.
- True Seal™ is available in coarse, medium and fine.

Additional Advantages:

- Eliminates the use of gilsonites and asphalted resins that can cause formation damage.
- It improves the effective filtrate control of the mud.
- It improves the HTHP filtrate in OBM and WBM
- Biodegradable Non Toxic.
- Acid soluble above 70 %.
- It mixes and disperses easily in the mud.

Physical Properties:

Form:	Brownish powder with traces of white scales	Boiling
Odor:	None	
Density:	1.2 – 1.4	
Solubility in water:	Miscible in oil or water	
pH:	7.0 – 7.8	
Physical State:	Solid, powder	
Toxicity:	Non-toxic	

Treatment:

- 5 to 20 ppb (14 kg/m³ to 57 kg/m³) for seepage losses
- 20 to 35 ppb (57 kg/m³ to 100 kg/m³) for partial losses and severe circulation using it as a pill.



Recommendations:

- Like most other products, it is suggested to run pilot tests in order to verify that the properties of the muds are compatible with the product.
- After the initial treatments, we recommend to maintain the adequate concentrations in the system with tourly additions of True Seal™
- When 100 mesh screens or finer are used you will note significant quantities of True Seal™ removed.
- Be aware of this so an effective concentration is maintained, especially in drilling areas where you experience bigger losses.

Packaging:

25 lb. (11.34 Kg) sacks.