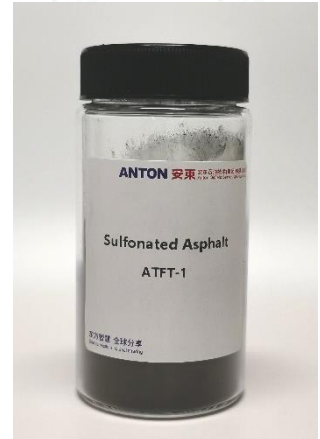


Sulphonated Asphalt

Sulfonated asphalt is a fluid loss additive product suitable for both oil based and water based drilling fluid systems. It can form thin and tough mud cakes to effectively seal micro cracks with hydrophobic particles, thereby preventing hydration of rock layers, reducing rock debris erosion, and achieving an anti collapse effect. Sulfonated asphalt has strong anti pollution ability, wide applicable pH range, and temperature resistance up to 180 °C.

1. Technical Features

- (1) Effectively reduce the high-temperature and high-pressure filtration loss of water-based and oil-based mud;
- (2) Strengthened borehole wall with good anti-collapse effect;
- (3) Thermal stability up to 180 °C;
- (4) Preventing rock collapse;
- (5) Significantly improve the lubricity of the system;
- (6) Easily dispersed in water-based or oil-based mud;
- (7) Helps form thin and tough mud cakes.



2. Technical Parameters

Items	Specifications
Sodium Sulfonate Content, %	≥10
Water Soluble Content, %	≥70
pH	8.0~9.0
Oil Soluble Content, %	≥25
High Temperature & High Pressure Filtration, mL	≤25
Apparent Viscosity Reduction rate, %	≥45
Dynamic Shear Reduction Rate, %	≥50

3. Application

It can be added directly or through a funnel, with a recommended dosage of 6-22 kg/m³, depending on user requirements and on-site experimental results.

4. Packaging, Storage and Transportation

The packaging adopts a three-in-one woven bag, the inner layer is a plastic bag, and the inner and outer bag mouths should be sewn firmly.

The net mass of each bag (25±0.25) kg, severe collision should be prevented during transportation, and rainproof and moisture-proof measures should be done, and moisture-proof measures should be paid attention to;

Should be stored in a cool and dry place, fireproof, sun protection, product shelf life of two years, if the shelf life, should be re-inspected and qualified before use.