

# ANCO PHALT S

*Solutions Through Technology.....*

*Environmentally Friendly Chemicals*

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## **Product Description**

ANCO PHALT S is a sulfonated asphalt residuum used for stabilizing shale sections.

## **Typical Application**

ANCO PHALT S acts as an oil substitute, stabilizing shale formations, and is generally best to pretreat the mud system before shale trouble occurs.

## **Product Advantages**

- Noted for stabilizing shale formations and for aiding in drillpipe torque and drag reduction.
- Aids in reducing the filtration rate of drilling muds and improves the filter cake quality.
- Is water-dispersible and is unaffected by oil in the drilling fluid. This property prevents “tar balls” from forming and shaker screen binding, which is so common with ordinary ground asphalt products.

## **Recommended Treatment**

Normal treatment levels vary depending on the severity of the shale problem, but from 1.0 to 4.0 lb/bbl (2.85 to 11.4 kg/m<sup>3</sup>) is recommended.

Daily maintenance will depend on dilution and desired fluid properties.

## **Handling**

Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles, and apron are recommended for employee comfort and protection. See Material Safety Data Sheet (MSDS) for this product prior to use.

## **Storage**

Store in a dry area, protected from precipitation and contact by moisture.

## **Packaging**

ANCO PHALT S is packaged in 50 lb. (22.7 kg) multiwall bags.

## **Typical Chemical and Physical Properties**

Bulk density, lb/ft<sup>3</sup> . . . . . 42 - 48  
Solubility . . . . . 60% water soluble  
Appearance . . . . . Dark brown-black  
Odor . . . . . None  
Specific Gravity g/cm<sup>3</sup> . . . . . 1.3