

# ONE-TROL HT

**ONE-TROL<sup>†</sup> HT** amine-treated tannin is a filtration-control additive designed for use in all oil and synthetic-base drilling fluid systems.

The product may be used in combination with other filtration-control additives or as an effective alternative to asphalt and gilsonite where their use is undesirable. ONE-TROL HT additive is compatible with other oil-base or synthetic-base additives.

## Typical Physical Properties

Specific gravity .....	1.3
Physical appearance .....	Dark brown powder
Odor .....	Tannin
Solubility in water .....	Slightly
pH .....	4.75 (5% slurry)

## Applications

ONE-TROL HT additive can be used in any oil- or synthetic-base drilling fluid system to control fluid loss. For most applications, recommended concentrations are 4 to 10 lb/bbl (11.4 to 28.5 kg/m<sup>3</sup>) of ONE-TROL HT additive. The concentration may need to be increased for special applications where high temperatures (>350 °F/>176 °C) are anticipated or where ultra-low fluid loss is required. Pilot testing is recommended to determine the required ONE-TROL HT additive treatment level and the effect on properties. ONE-TROL HT fluid-loss control agent is stable to temperatures in excess of 500 °F (260 °C) with minimal effect on the rheological properties of the mud.

## Advantages

- Effective filtration control alternative to asphalt, gilsonite and amine treated lignite products
- Applicable to all oil-base and synthetic-base systems
- Compatible with other additives
- Disperses easily when added through a hopper

## Limitations

Effectiveness is reduced at temperatures approaching 400 °F (204 °C) requiring higher concentrations.

## Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

## Packaging and Storage

ONE-TROL HT additive is packaged in 50-lb (22.7-kg) multi-wall paper sacks.

Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.



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