

# **HI-TECH 100-50**

**PRODUCT NAME**

**HI-TECH 100-50**

## **RECOMMENDED USE**

A unique cost-saving fluid formulated to speed-up hole-collaring, reduce collar sloughing and stabilize the total blasthole.

## **PRODUCT DESCRIPTION**

HI-TECH 100-50 can be used with air-rotary tri-cone, downhole hammers and all types of top hammer drills (surface and underground).

HI-TECH 100-50 reduces re-drills.

HI-TECH 100-50 eliminates regrinding of cuttings, thus creating bigger chips for sampling purposes.

HI-TECH 100-50 leaves a sticky, neatly stacked cuttings pile that is not prone to sloughing prior to loading the hole.

HI-TECH 100-50 acts as a dust suppressant and reduces wind blown fines.

HI-TECH 100-50 allows blastholes to be fully loaded, helping to optimize blasting operations.

Techline Services can have the formula modified to fit any mine's drilling conditions and provide start-up and technical support.

## **SUGGESTED DOSAGE**

Product will separate slightly over time. The buckets need to be shaken vigorously before each use.

The approximate mix ratio to achieve tank mix suitable for most drilling and hole conditions is approximately 1 1/2 quarts of HI-TECH to 300 gallons of water. This should give you a viscosity increase from 29 (water) to around a 45, which resembles a heavy cream. Naturally acidic water sources will require more HI-TECH additive to achieve the required viscosity.