

# MAGMA-TROL

## Reduce fluid loss in HP/HT invert emulsion drilling fluid systems

### Applications

- MAGMA-TEQ HP/HT invert emulsion drilling fluid system
- Conventional or unconventional wells up to 450°F (232°C)

### Features and benefits

- Provides filtration control in HP/HT environments
  - Enhances wellbore stability
- Extended temperature range
- Can enhance suspension properties
- Compatible with a wide range of fluid loss control additives
- Effective in any nonaqueous base fluids

The **MAGMA-TROL™ filtrate reducer** from Baker Hughes is a synthetic copolymer used to improve filtration control in the **MAGMA-TEQ™ high-pressure/high-temperature (HP/HT) drilling fluid system** and other invert emulsion drilling fluids.

MAGMA-TROL filtration control additive particularly effectively in HP/HT applications, up to 450°F (232°C), when tight fluid loss control is required. The MAGMA-TROL additive is also very efficient at low temperatures.

The MAGMA-TROL additive may be used alone or in conjunction with the **CARBO-TROL™ family of filtration control additives** to further reduce HP/HT fluid loss. In some instances, MAGMA-TROL additive may be beneficial in controlling high temperature suspension properties as the product will increase viscosity in invert emulsion drilling fluid systems.

### Recommended treatment

Provide adequate shear when mixing MAGMA-TROL additive into the fluid system. Concentrations will vary depending on bottom hole temperature, the amount of additional fluid loss control products in the system, and desired degree of filtration control.

Initial treatments of 0.5 to 7.0 lb/bbl (1.43 to 20.0 kg/m<sup>3</sup>) are effective for most applications.

As MAGMA-TROL filtration control additive will have an effect on viscosity, pilot testing is recommended.

### Environmental information

For information concerning environmental regulations applicable to this product, contact the Health, Safety, and Environmental department of Baker Hughes.

### Shipping

Transportation of the MAGMA-TROL filtrate reducer is not restricted by international or USA regulatory agencies.

### Safe handling

#### recommendations

Use normal precautions for employee protection when handling chemical products. See Safety Data Sheet (SDS) prior to use.

### Packaging

MAGMA-TROL filtrate reducer is packaged in 55-lb (25-kg) multi-walled bags.

#### Typical properties

<b>Appearance</b>	White powder
<b>Specific gravity at 77°F (25°C)</b>	1.03