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 **MATEX**  
CONTROL CHEMICAL

# DD 955

**REDUCES IN-HOLE SWELLING  
AND INSTABILITY PROBLEMS.**



**DON'T GET  
SQUEEZED  
OUT OF PROFITS !**



**Polímero multi-cargado líquido o en polvo, estabilizador para ser usado  
en formaciones de arcillas y esquistos, que reduce el abultamiento  
en el pozo y problemas de inestabilidad.**



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### RECOMMENDED USE:

A multi-charged liquid formation stabilizer for use with shale and clay reducing inhole swelling and instability problems.

### DESCRIPTION:

Due to its ionic charges, DD 955 is absorbed directly into shales and clays, thereby preventing the water damage that causes loss of core and hole stability. Once absorbed into the formation, the stabilizing effect imparted by DD 955 will remain resistant to any chemical changes in overall mud properties caused by varying geological and drilling conditions. DD 955 effectiveness is enhanced when used with Torqueless.

### SUGGESTED DOSAGE:

1 litre DD 955 per 1000 litres of water.  
1 quart DD 955 per 250 gallons of water.

Quantity may be increased for more difficult areas.  
Due to water composition and drilling conditions, these dosages may vary.

### ADDED BENEFIT:

Should a flocculent be necessary this product can be used in this application.

for specific information, or difficult drilling conditions, please contact us.

### OTROS PRODUCTOS:



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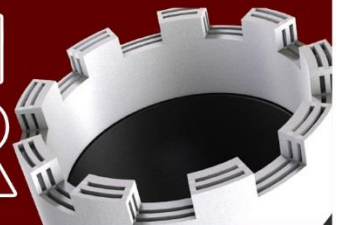
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# DD 2000

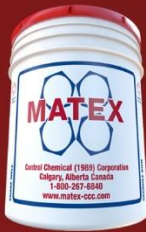
**A POWERFUL DRY POWDERED VISCOSIFIER & STABILIZER FOR  
USE IN CONSOLIDATED AREAS.**



## YOUR MAXIMUM VISCOSIFIER



Polímero en polvo ambientalmente seguro. DD 2000 se mezcla con Torqueless y agua para crear un fluido de perforación con viscosidad muy alta utilizando para remover sedimentos y el acondicionamiento continuo de las paredes del pozo.



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## RECOMMENDED USE:

An environmentally safe dry powdered polymer. DD 2000 is mixed with Torqueless and water to create a very high viscosity drilling fluid used for removal of cuttings and continuous borehole wall conditioning.

## DESCRIPTION:

DD 2000 is an environmentally safe, very high molecular weight, powdered viscosifier that can be used in either fresh or brine water.

DD 2000 imparts excellent viscosity yield. It is a superior product for borehole stabilization and encapsulation of solids.

DD 2000 is effective in drilling conditions where borehole temperatures exceed 150° F.

DD 2000 reduces transportation costs for drilling because of its concentrated nature.

DD 2000 combined with Torqueless enhances your core recovery and penetration rates.

## SUGGESTED DOSAGE:

DD 2000 should always be premixed with TORQUELESS, the recommended ratio is one part DD 2000 to two parts TORQUELESS. The DD 2000 premix is then introduced into the mixing system with water.

The recommended dosage of DD 2000 is from;  
1-2 litres per 1000 litres of water.  
1-2 quarts per 250 gallons of water.

for specific information, or difficult drilling conditions, please contact us.

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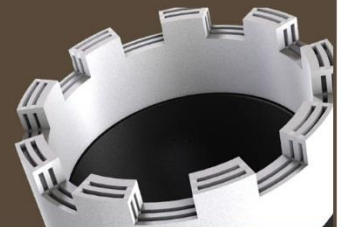
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# DD 605L

A DRILLING FLUIDS THINNER WHICH LOWERS FLUID VISCOSITY AND GEL STRENGTHS



## ELIMINATE IN HOLE MUD RINGS



Un diluyente de fluidos de perforación que disminuye la viscosidad de los fluidos y resistencia de los geles de todos los fluidos de perforación convencionales. Excelente para eliminar los anillos de lodo en el pozo.



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## RECOMMENDED USE:

A drilling fluids thinner which lowers fluid viscosity and gel strengths of all conventional drilling fluids. Great for eliminating in hole mud rings.

## DESCRIPTION:

DD 605L drilling fluids thinner is an environmentally safe, synthetic organic liquid polymer which lowers mud viscosity and gel strengths of all conventional water based drilling muds.

DD 605L also aids in filtration control and can be used to overcome differential sticking of rods as well as treating mud rings.

DD 605L best followed with Torqueless to prevent re-establishment of bit balling and mud rings.

## SUGGESTED DOSAGE:

**1. FOR DIFFERENTIAL STICKING:** Mix a slug of DD 605L in a 1:3 ratio with water. Pump slug down rods and back up annulus to area of sticking. Apply torque and tension to rods. If rods do not come free immediately, allow at least one hour for product to work. If not free in one hour, repeat the above procedure using a slightly higher concentration of product.

## 2. FOR GENERAL THINNING:

Due to drilling fluid composition and drilling conditions, these dosages may vary.

2 cups of DD 605L to 250 gallons of water

½ litre of DD 605L to 1000 litres of water.

for specific information, or difficult drilling conditions, please contact us.

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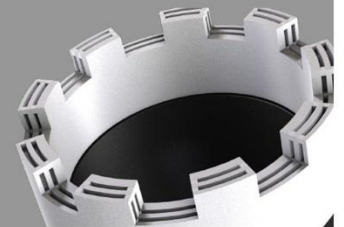
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# DD XPAND

ENVIRONMENTALLY SAFE LOSS CIRCULATION AND PLUG MATERIAL



**XPAND YOUR REACH**



Polímero granular sólido que absorbe agua e incrementa de 50 a 100 veces su tamaño. excelente como material para perdida de circulación cuando se mezcla con agua o fluidos de perforación.



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## RECOMMENDED USE:

Environmentally safe loss circulation and plug material.

## DESCRIPTION:

DD XPAND (Coarse) can be used as a plug/pill application to shut off water flows and voids.

DD XPAND (Coarse) allows drilling through highly fissured and fractured formations.

DD XPAND (Fine) can be used while drilling to assist in minimizing water loss.

## SUGGESTED DOSAGE:

DD XPAND (Coarse) when introduced to water will expand 50 to 100 times its size. (Great for plugs)

DD XPAND (Fine) add ½ litre to a 1000 litre fluid tank to assist in fluid loss.

for specific information, or difficult drilling conditions, please contact us.

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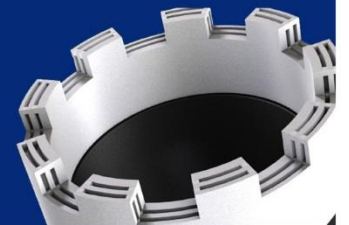
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# SAND DRILL

GREATLY IMPROVING CORE RECOVERY IN OVERBURDEN, SANDS, GRAVEL AND COBBLES



RAISE YOUR  
**CORE!**  
VALUES



Mezcla especial de polímeros en polvo para perforar y lograr una excelente recuperación del testigo en condiciones de arena, grava y adoquines.  
Siempre pre-mezclar con torqueless antes de incorporarlo al agua.



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## RECOMMENDED USE:

A drilling additive for reducing the difficulties of drilling overburden, sand, gravel and cobbles while achieving maximum potential core recovery in these conditions.

## DESCRIPTION:

SAND-DRILL is a unique dry blend of synthetic polymers providing a drilling fluid capable of stabilizing the most difficult sand and gravel conditions.

SAND-DRILL has effectively stopped shifting sands from collapsing into the bore hole.

SAND-DRILL has provided up to 100% CORE RECOVERY under extreme conditions.

SAND-DRILL eliminates the need to use Bentonite, thus reducing disposal problems and immense transportation costs.

SAND-DRILL works with TORQUELESS and does not require a complicated multi-component mud system.

SAND-DRILL reduces the need of casing in most unconsolidated formations.

SAND-DRILL has numerously proven to increase productivity and profits.

SAND-DRILL builds a matrix tying sands and gravels together thus stabilizing the borehole and maximizing core recovery.

## SUGGESTED DOSAGE:

SAND-DRILL should always be premixed with TORQUELESS, the recommended ratio is one part SAND-DRILL to two parts TORQUELESS. The SAND-DRILL premix is then introduced in the mixing system with water.

The recommended dosage is from;  
1-3 litres SAND-DRILL per 1000 litres of water.  
1-3 quarts SAND-DRILL per 250 gallons of water.

for specific information, or difficult drilling conditions, please contact us.

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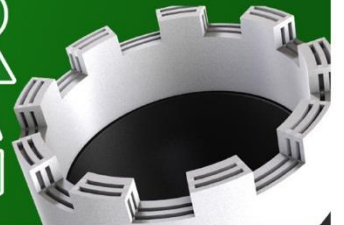
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# TORQUELESS

AN ENVIRONMENTALLY SAFE HIGH PERFORMANCE LUBRICANT



# GREENER DRILLING



El mejor lubricante de perforación diamantina soluble en agua y ambientalmente seguro, reduciendo el torque en el pozo, desgaste de las varillas, previene la corrosión y prolonga la vida útil de las brocas y herramientas  
¡ Mezcle torqueless con todos los productos Matex!

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## RECOMMENDED USE:

The **ULTIMATE** rotary and diamond drilling product for in hole torque reduction. Protecting against rod wear, preventing rust and polymer build up while extending all tool life.

## DESCRIPTION:

**TORQUELESS** enhances both bit-life and penetration rates during drilling operations.

**TORQUELESS** is based on an environmentally safe technology which has proven to be effective in lubricating down-hole consumables for more than 15 years.

**TORQUELESS** is non-sheening when accidentally introduced into a water course.

**TORQUELESS** inhibits swelling of clay like materials such as sapolites, talcs & kimberlites which in turn eliminates bit balling.

**TORQUELESS** is extremely effective for lubricating down hole motors and eliminating magnetization of drill rods.

**TORQUELESS** protects drill rod wear when using wedges in diamond drilling.

**TORQUELESS** increases tool joint life by reducing torque in the hole.

**TORQUELESS** will enhance the effectiveness of powdered mud systems (bentonites, polymers, or pac's). Combined with the appropriate fluids and mixing systems,

**Torqueless** will reduce stuck drill rods and lost casing in squeezing ground conditions due to preferentially wetting the drill string.

## SUGGESTED DOSAGE:

Depending upon drilling conditions and hole depth.

4-6 litres per 1000 litres of water

4-6 quarts per 250 gallons of water

for specific information, or difficult drilling conditions, please contact us.

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# ULTRAVIS

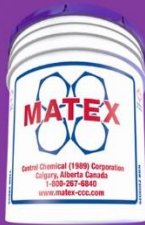
A HIGHLY CONCENTRATED, EASY TO MIX LIQUID POLYMER



EASY TO  
MIX



Polímero líquido altamente concentrado. Mezclado con Torqueless y agua, crea un fluido de perforación de alta viscosidad utilizado para remover sedimentos y acondicionamiento continuo de las paredes del pozo



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## RECOMMENDED USE:

An easy to mix highly concentrated liquid polymer. Mixed with Torqueless and water creating a high viscosity drilling fluid used for removal of cuttings and continuous borehole wall conditioning.

## DESCRIPTION:

ULTRAVIS is a highly concentrated liquid that rapidly develops into a very high viscosity fluid when mixed with water.

ULTRAVIS provides viscosity yields 40-50% greater than conventional liquid polymers, and can be used in fresh or brine water.

ULTRAVIS is an excellent inhibitor against shales, clays, fractured zones, sand and blocky formations, and contaminants.

ULTRAVIS is resistant to viscosity change under high water temperature conditions and has superior shear resistant properties

ULTRAVIS as in all polymers this product is enhanced with the use of Torqueless.

## SUGGESTED DOSAGE:

1-3 litres of Ultravis per 1000 litres of water.

1-3 quarts of Ultravis per 250 gallons of water.

Dependent on water and drilling conditions, however up to 50% less ULTRAVIS will be required than conventional liquid polymers.

for specific information, or difficult drilling conditions, please contact us.

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