

# DD XPRESS

## *CASE STUDY*



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## MAKING LIFE EASIER ONE BUCKET AT A TIME

### DD XPRESS

Most drillers have learned that polymers and [drilling fluid additives](#) can greatly increase drilling performance. In addition to improving core recovery, their benefits include torque reduction, lubrication of tools and improved flushing of drill cuttings.

While these benefits are important, using these products involves training drillers in the proper mixing procedures and recipes. Additives and polymers must be used according to manufacturers' instructions, take time and extra supplies such as mixing buckets or tanks are required.

So the idea of all these benefits without having to pre-mix the products excited customers who rely heavily on drilling fluid additives. When Fordia announced it was launching [DD Xpress](#), a revolutionary additive that was pre-mixed and ready to use, customers were eager to become involved.

Our client, a drilling operator in Northern Quebec, turned out to be an excellent candidate for this type of field trial. The customer was drilling in iron ore formations and already using and depending on [DD 2000](#) and [Torqueless](#) to help flush iron ore drill cuttings. Drill cuttings from iron ore are very heavy so premium drilling additives are needed to be able to lift and flush them and to properly lubricate drilling tools in the bore hole.

**DD Xpress is a new all-in-one product that requires no pre-mixing – you simply measure your quantity and add it to water.** The product eliminates the need to follow a specific recipe, thus reducing training time. It protects against rod wear, rust and polymer build-up while extending tool life. **What's more, it is environmentally friendly and can be transported by air.**



## DD XPRESS ALL-IN-ONE

*“I love that the product is ready to use and easy to mix. I don’t have to worry about any waste because the polymer ratio is always right. Using this new product freed up more time for my driller’s helper to help with other things”*

After switching to DD Xpress, our customer obtained the same excellent performance but the product made their operations much easier. Precious time spent mixing or even training an assistant on how to properly mix drilling fluid additives is now saved. Where they would previously need to have room for 2 pails or 3 pails of product plus an extra empty one for pre-mixing, they now only need one. This is an important benefit for remote locations, or where space is often limited. If a drilling team encounters swelling clay in the ground, they would need a fourth pail. Since DD Xpress has a clay inhibitor incorporated in the mix, it handles swelling clay expertly, highlighting its all-in-one feature.



The drilling team found the DD Xpress much easier to mix as well. **Because the product’s polymer beads are dry suspended and thoroughly encapsulated in Torqueless, the polymer chains unravel easily. These polymer chains give the product its ability to reduce torque, flush drill cuttings, extend tool life and improve core recovery.**

As one drilling team member noted, “I love that the product is ready to use and easy to mix. I don’t have to worry about any waste because the polymer ratio is always right. Using this new product freed up more time for my driller’s helper to help with other things.” He was also pleased with other benefits that the product brought.

While DD Xpress is ideal in most ground conditions, for customers who must drill in iron ore formations, this product is important as the use of rod grease may not be recommended in most cases. The heavy iron particles tend to stick to the grease. This can slow down the rate of penetration.

DD Xpress has clearly answered the needs of drilling customers. Beyond the advantages for the drilling team, DD Xpress is great for the purchasing department as well. There is less inventory to carry and easier ordering. **A new Sand Xpress version will be launched soon** and targets sandy conditions while offering the same all-in-one, ready to use formulation.

[Visit Fordia’s web site for more information.](#)