



MINING DRILLING FLUIDS AND ADDITIVES



FIELD-PROVEN PRODUCTS TO OPTIMIZE MINEX DRILLING PROJECTS

As a leading supplier of innovative drilling solutions, Di-Corp has the products you need to ensure maximum productivity for your drilling operations, even in the most extreme conditions. With over 65 years of experience serving the drilling industry, we manufacture and distribute more than 1000 products and component parts for the drilling process.

We've been sourcing the best and making it better since 1960 and have the knowledge and expertise to stand behind what we sell. Our products cater to drilling operations in various formations, including challenging clays and shale stability concerns.

Beyond our products, we are here to support you with the experienced technical field advice you need to deliver on your project requirements. We provide technical drilling fluid proposals for use in the field and in the bidding process for budgeting, consumption and to satisfy engineering requests.

Our coring drilling fluids & additives include:

- Bentonites
- Polymer Additives
- Greases & Lubricants
- Cements & Grouts
- General Chemicals
- Lost Circulation Materials
- Specialty Products
- Thinners/Dispersants
- Waste Treatment
- Weighting Materials



MINERAL EXPLORATION DRILLING FLUIDS & ADDITIVES

We tailor our drilling fluid systems to maximize drill bit life, achieve optimum penetration rates, maintain hole stabilization, limit fluid loss and lost circulation events, and control your overall cost per meter drilled.

BENTONITES

Our line of bentonite products are engineered to support fluid performance and borehole stability in mineral exploration.

- Diamond Gel™
- Extra High Yield™ Bentonite
- Wyoming Gel™

POLYMER ADDITIVES

Advanced polymer additives to enhance drilling fluid viscosity and performance.

- ProPAC D™
- SynVis® D and SynVis® L
- MultiMix™
- HydraVis D™
- SaltVis™ L

GREASES & LUBRICANTS

Protect drill rods, threads, and downhole tools with our top-quality lubrication products, designed to reduce wear, fight corrosion, and support smoother drilling operations.

- TurboCut™
- Big Bear Drill Rod Grease®
- Bio Bear Drill Rod Grease®
- Linseed Soap
- Earth Pro Thread Shield™

CEMENTS & GROUTS

Reliable cements and grouts for securing and stabilizing boreholes.

- Enviroplug® (Medium & Coarse)
- Enviroplug® Coated Tablets
- Enviroplug® No. 8 and No. 20
- Grout-Well® DF
- Portland Cement



MINERAL EXPLORATION DRILLING FLUIDS & ADDITIVES

GENERAL CHEMICALS

Our line of fluids, additives, and greases is enhanced by specialty chemicals that aid with water chemistry, cleaning, and more.

- Calcium Chloride 94-97% – Mini Prills
- Calcium Nitrate
- pH Up Down Citric™
- Soda Ash and pH Up Soda Ash™
- Sodium Bicarbonate

THINNERS/DISPERSANTS

Manage fluid viscosity and improve the flow of drilling fluids.

- Clayspearse L™
- TKPP

LOST CIRCULATION MATERIALS

Prevent drilling fluids from being lost to fractures or porous formations with our collection of loss circulation materials.

- G-Stop™
- Prima-Seal™
- Magma Fiber
- Sawdust

SPECIALTY PRODUCTS

Our diverse line-up of products include specialty products that address specific drilling needs such as clay and shale inhibition and more.

- Claymean L™
- TurboCut™
- Chem Clean Green™

WASTE TREATMENT & SOLIDIFYING AGENTS

With our waste treatment and solidifying agent Mud Terminator™, you can enhance environmental safety and compliance, reduce waste volume through effective solidification, immobilize mixed wastes to create structural integrity, and improve operational efficiency by minimizing the handling and disposal costs of drilling waste.

- Mud Terminator™

WEIGHTING MATERIALS

Increase the density of drilling fluids, control formation pressures, prevent blowouts, and stabilize wellbores during operations with our weighting materials.

- Barite
- Cal Carb 325



FLUID TRAINING, SUPPORT SERVICES, & CONSULTATION

At Di-Corp, we live by our mission of “Optimizing the Resource Industry”. We’re passionate about helping you do your job better, faster, and more cost-effectively, and are proud to offer drilling fluid specialist training services to help you do just that. We provide your staff with the knowledge, tools, and products to solve your problems with minimal cost and maximum confidence.

We offer a unique 3-step approach to get the most for your spend by providing fluids planning and consulting assistance, fluid training and education for frontline staff, technical assistance and service.

EDUCATE

Help your drillers and drilling assistants gain a fundamental understanding of not only the functions of their drilling fluids but also:

- Which drilling fluids to select and mix at the rig.
- How to test drilling fluids.
- Choosing the correct mud additives.
- The proper terminologies to communicate issues.
- The data to collect to make better decisions.

ENGINEER

We can provide you with field-level engineering tools for problem resolution, like our Fast Track Tool (FTT) cheat sheet. Our FTT will help your drilling staff do upfront thinking and planning so they have the proper fluids on hand when they need them. During the FTT development phase of your project, we support you by recommending the best fluid package for your operation and provide you with alternatives to meet cost or environmental concerns.

ENGAGE

If necessary and feasible, we can dispatch a field technician directly to your site on a 24-hour basis, on any day of the year. Once on site, our technician can perform the necessary rheology testing and calculations to troubleshoot a solution.

Our engaging approach offers exceptional cost savings for downtime reduction and direct engineering charges and will help ensure your operations run smoothly.



CORE PRODUCTS



EARTH PRO TURBOCUT™

A liquid lubricant designed to deliver constant lubrication for rods, drill bits, and downhole tools within a water-based mud system. TurboCut helps maintain consistent tool lubricity, which can extend tool life and minimize the frequency of rod trips for greasing and re-greasing, and increasing your overall penetration rate by up to 25%.



EARTH PRO MULTIMIX™

A dry blend of specially engineered synthetic polymers designed to flexibly bond loose ground and improve wellbore stability in difficult drilling situations. It is used to penetrate unconsolidated formations and then fully hydrate to form a sort of polymer glue-holding formation in place allowing for drilling to proceed uninhibited.



EARTH PRO SYNVIS D™

A 100% active, dry granular polymer that disperses readily, easily mixing without lumps or fish eyes. It is primarily used for viscosity in freshwater systems, gel and/or polymer-based systems.



EARTH PRO PROPAC D™

A 100% active dry natural-based polymer that controls fluid loss and enhances filter cakes. It can also be used as a high shear rate viscosity modifier or lubricant.

CORE PRODUCTS



EARTH PRO DIAMOND GEL™

Premium grade beneficiated Wyoming bentonite engineered to disperse easily under poor mixing conditions eliminating waste due to clumping. This all-around viscosifier, lubricant, fluid loss control additive is the solution in a demanding industry.



BIG BEAR DRILL ROD GREASE®

A specially thickened, extreme-pressure grease with additives that provide corrosion, wear, and oxidation resistance. As rods are lowered into the drill hole, Big Bear Drill Rod Grease forms an adhesive lubricating film on the rods that resists the washing action of the water and sludge-containing rock cuttings.

Also available: Bio Bear Drill Rod Grease, a biodegradable alternative.



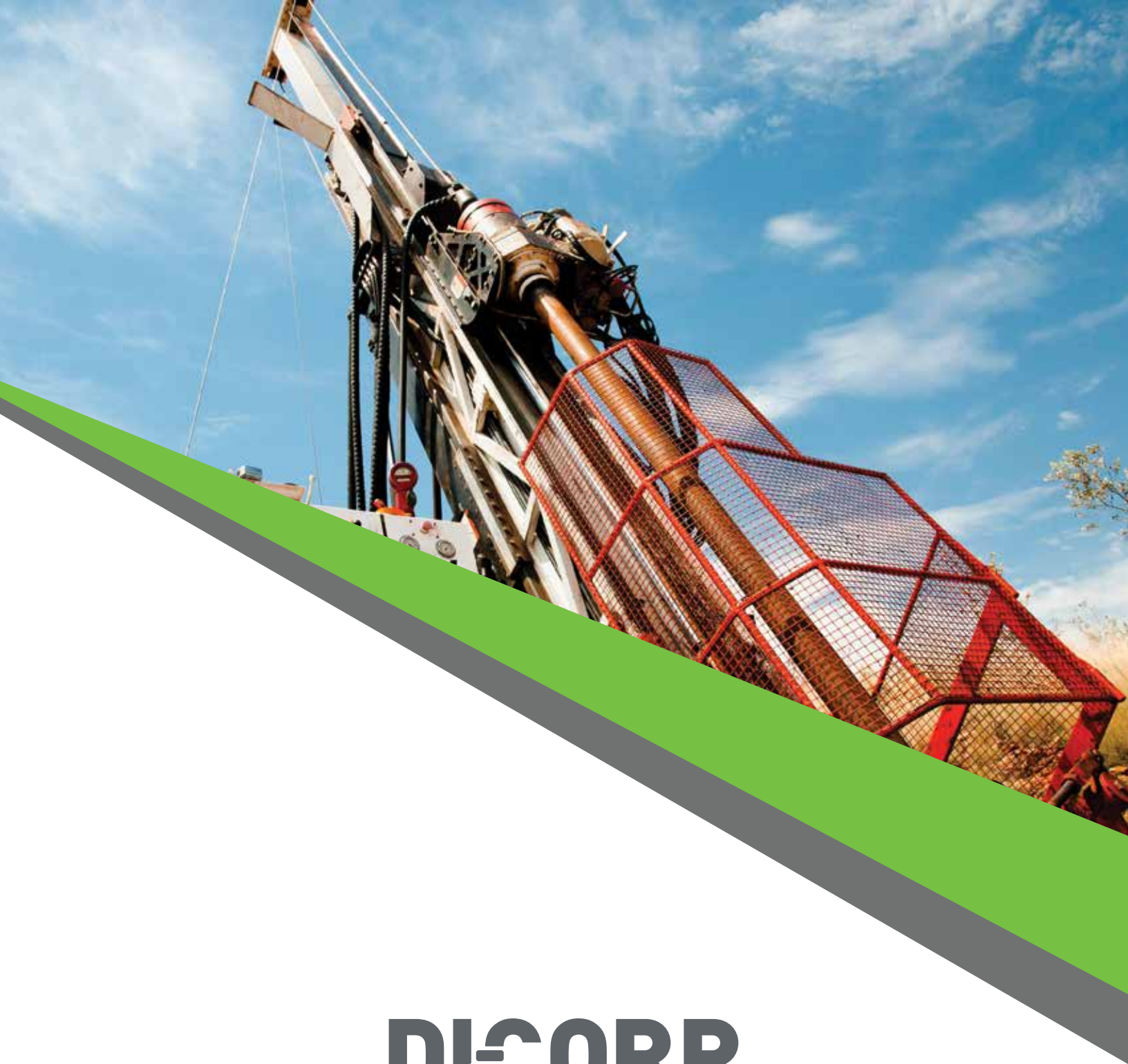
EARTH PRO CLAYSPERSE L™

An anionic liquid that serves as a dispersant and thinner for water-based drilling fluids. It primarily enhances the deflocculation of drill solids and thins bentonite. Additionally, it boosts the effectiveness of filter cakes and will avoid excess fluid loss.



EARTH PRO SYNVIS L™

A high-yield, easily dispersible, anionic liquid synthetic polymer formulation. It can function independently or as part of a complete fluid solution for a variety of demanding drilling applications.



DI-CORP

DOWN TO EARTH BUSINESS

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Di-Corp is a registered trade name of Diversity Technologies Corp.