MAXIMUM DRILLING EFFICIENCY

DRILLING PRODUCTS

MINERALS TECHNOLOGIES

CETCO
Drilling Products

is a division of CETCO, which is a wholly owned subsidiary of Minerals Technologies Inc. Offering a wide assortment of high quality bentonite drilling fluids, grouts, sealants, polymers, and additives, CETCO can help maximize your drilling efficiency and meet your needs in the field. Our complete line of professional products are specially designed to enhance the cost-effectiveness of drilling operations by controlling and improving drilling fluid properties. Each and every drilling product is supported by our experienced team of field engineers and research scientists.

CETCO is committed to bringing you innovative, cost-effective products that go beyond merely meeting your needs for all drilling related markets. We are dedicated to providing our customers the newest solutions in drilling product technology.

MARKETS SERVED

- Non-Oil & Gas Drilling
- Environmental Drilling
- Foundation Drilling
- Geotechnical Drilling
- Geothermal Heat Loop Drilling
- Geothermal Heat Loop Grouting
- Horizontal Directional Drilling
- Mining & Exploration
- Monitoring Well Drilling
- Slurry Engineering
- Slurry Solidification
- Slurry Walls
- Tunnel Boring
- Waterwell Abandonment
- Waterwell Drilling
- Waterwell Grouting
- Waterwell Rehabilitation

With the industry’s best on-site engineering and advanced technical support, CETCO is committed to ensuring success in any drilling project.

"CETCO has been a major contributor to the growth of Tarheel Contractors Supply since I purchased the company in 2001. Thanks to CETCO’s quality products, plus excellent field and technical support, we have been able to generate a 25% annual compounded growth rate on CETCO products. Quality products and quality people providing quality service have proven to be a winning formula."

– Harold Peeples, President, Tarheel Contractor Supply, Inc. Rock Hill, SC
DRILLING FLUIDS

CETCO has consistently provided the drilling industry with the highest quality drilling fluids that keep operators running at peak efficiency. Our bentonite based drilling fluids are made from the highest quality sodium bentonite from Wyoming.

HYDRAUL-EZ® is a high yield, 200 mesh sodium bentonite with a special dry polymer additive. It is designed to maintain borehole integrity in horizontally drilled boreholes. NSF/ANSI Standard 60 Certified.

PREMIUM GEL® is a 200 mesh, 90 bbl yield sodium bentonite for freshwater drilling, slurry walls, and tunnel boring. PREMIUM GEL complies with API 13A Section 9, Specifications for Drilling Fluid Materials. NSF/ANSI Standard 60 Certified.

PUREGOLD® CLEANDRILL is a bentonite free powder designed for special conditions associated with drilling horizontal directional recovery wells for groundwater remediation. It maintains formation permeability and porosity. PUREGOLD CLEANDRILL is designed for use in drilling operations where bentonite based drilling fluids are restricted and a biodegradable drilling fluid is recommended.

SUPER GEL-X® is an easy mixing, high viscosity 200 bbl yield freshwater drilling fluid produced from the highest grade Wyoming sodium bentonite. May be used for all types of freshwater mud rotary drilling. NSF/ANSI Standard 60 Certified.

HYDRAUL-EZ®

PREMIUM GEL®

P单纯GOLD® CLEANDRILL

SUPER GEL-X®

WELL REHABILITATION

With an outstanding history, CETCO well rehabilitation products have long been the industry standard for improving well efficiencies that have been diminished by the presence of mineral encrustation, bio-fouling, and other occurrences of chemical and physical plugging.

BMR® removes bentonite that has been introduced as a drilling fluid. Additionally, BMR removes naturally occurring clays that intrude into the gravel pack. NSF/ANSI Standard 60 Certified.

DPA™ clears casing, screens, gravel packs, and water-bearing formations of deposits of mineral scale. DPA is a granular product. NSF/ANSI Standard 60 Certified.

LBA™ cleans casings, screens, and all other components of the well that are affected by bio-fouling. NSF/ANSI Standard 60 Certified.

SC-200™ is a liquid surfactant. This wetting agent enhances the dispersing efficiency of other CETCO well rehabilitation products and enables these products to enter into the pores and cracks of the encrustations, thereby accelerating the rehabilitation process.

SUPER THIN™ is a highly concentrated additive engineered to disperse the filter cake created by a bentonite drilling fluid. It offers immediate thinning action and is more cost-effective than traditional thinners. NSF/ANSI Standard 60 Certified.

“With over 20 years of providing solutions to our directional drill customers, it is a great fit to have CETCO on board to compliment our product. CETCO products, like ours can be depended upon day after day. What attracted me to CETCO was a “Great product with Great service”. I wanted to align my company with a drill product supplier that had the same commitment to excellence as we do. Their staff/field representatives are leaders in their industry and provide solutions. CETCO products and service for me please.”

- Bo Adams, President Vermeer Sales Southwest Gilbert, AZ

BMR®

DPA™

LBA™

SC-200™

SUPER THIN™
DE-CHLOR® is a white granular crystal that neutralizes chlorine in municipal water. Chlorine in water supplies can negatively affect the performance of drilling fluids. DRILL-TERGE® is a liquid solution of non-ionic surfactants that is used to eliminate detergent and wetting properties of drilling fluids.

HORIZON™ is a proprietary additive that is used in conjunction with bentonite drilling muds. With proper formulation, the system will produce a drilling fluid with excellent shear-thinning characteristics. At low shear or at rest, the fluid will gel and hold the suspension of large cuttings, yet thins immediately under pumping conditions. NSF/ANSI Standard 60 Certified.

CETCO DRILLER® is an easy mixing, water soluble, polymer supplied as a granular powder designed for bentonite and polymer drilling fluids. STABILIZER® is an environmentally safe, lead-free, premium grade oil and drill collar lubricant for heavy duty drilling applications.

CETCO MACH® is a liquid solution of non-ionic surfactants that is used to reduce surface tension and break foam bubbles over a wide variety of conditions. CETCO X-TORQUE® is a 100% environmentally safe, non-petroleum lubricant specifically developed for horizontal directional drilling and mineral exploration, as well as other drilling applications.

CETCO X-TOUR® is a 100% environmentally safe, non-petroleum lubricant specifically developed for horizontal directional drilling and mineral exploration, as well as other drilling applications.

CETCO VAC-U-CUT™ is a dry polymer designed for use as a loss circulation additive in drilling fluids or slurries for a variety of drilling, trenching, and backfill applications in the geo-construction industry. CETCO VAC-U-CUT™ is ideal for slurry trenching, diaphragm walls, drilled shafts, bored piles, and tunneling.

SHORE PAC® is a specialty synthesized polymer nano composite designed for use as a loss circulation management product with SHORE PAC polymer slurry in drilled shaft foundations.

SLURRY CUTTER® is a liquid additive designed to break down SHORE PAC polymer slurry. SLURRYBOND® is a powdered inorganic material formula used for the solidification of high solids drilling slurries. SLURRYBOND® is modified from a non-biodegradable material designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT).

SLURRYBOND® 2000 is a powdered inorganic material and polymer formula used for the solidification of high solids drilling slurries. SLURRYBOND 2000 G is modified from a non-biodegradable material and polymer mixture designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT) or a slump test. SLURRYBOND® 2000 is a commercially available material. SLURRYBOND® 200 is made from a non-biodegradable polymer designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT) or a slump test.

SLURRYBOND 2000 G is modified from a non-biodegradable material and polymer mixture designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT) or a slump test.

SLURRYBOND™ 200 is a proprietary solid, granular super-absorbent polymer that rapidly absorbs and retains large volumes of water from aqueous solutions. SLURRYBOND 2000 is made from a non-biodegradable polymer designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT).

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HYDRO-PAC™ is an innovative breakthrough in drilling fluid technology designed to reduce viscosity for improved suspension and transport of fine-grained solids suspended in the slurry. HYDRO-PAC™ is a dry hybrid-polymer drilling fluid. HYDRO-PAC™ contains no fermenting materials or materials that fail to pass a Paint Filter Liquids Test (PFLT) or a slump test.

SODA ASH is used to raise the pH of make-up water for bentonite and polymer drilling fluids by precipitating soluble calcium. Using SODA ASH will improve the performance of bentonite and polymer drilling fluids.

SUPER PAC® (PAC, Liquid) is an easy mixing, liquid polymer that enhances the properties of a bentonite drilling fluid. When added to HYDRAUL-EZ or SUPER GEL, SUPER PAC creates an ideal fluid for drilling in a variety of conditions.

SUPER PAC® XTRA-Low (PAC, Dry) is a low viscosity, non-fining, dry polymer designed for filtration control additive in a variety of drilling fluid applications. Instantly disperses very quickly, and allows for suspension of large cuttings, yet thins immediately under pumping conditions. NSF/ANSI Standard 60 Certified.

INSTA-VIS™ PLUS (PHPA, 38% Active) is a multi-functional liquid polymer designed to improve drilling efficiency in both horizontal and vertical drilling fluids. INSTA-VIS™ PLUS (PHPA, 38% Active) is a proprietary solid, granular composite used to increase borehole stability. REL-PAC is a specially formulated, extrusion grade polymer designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT) or a slump test.

SUPER PAC® (PAC, Liquid) is an easy mixing, liquid polymer that enhances the properties of a bentonite drilling fluid. When added to HYDRAUL-EZ or SUPER GEL, SUPER PAC creates an ideal fluid for drilling in a variety of conditions.

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Utility & Telecommunications grounding.

In addition to traditional grouts and sealants, CETCO offers specialty grouts for Ground Source Heat Pump (GSHP) Systems and PUREGOLD® grouts and sealants provide for the grouting of newly constructed wells and of the decommissioning of abandoned wells and boreholes. In addition to traditional grouts and sealants, CETCO offers specially grouts for Ground Source Heat Pump (GSHP) Systems and Utility & Telecommunications grounding.

**ACCU-VIS®**

**BELLE CRUMBLES®**

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**C/S GRANULAR™**

**CETCO CRUMBLIES**

CETCO offers a wide assortment of high quality bentonite products to meet the ever changing needs of our customers. CETCO GRAOUTS & SEALANTS are designed to displace water in the annulus of a borehole. CETCO COARSE CHIPS are natural sodium bentonite screened to 3/8” (0.63 cm) to 3/4” (1.90 cm) in size. PUREGOLD MEDIUM CHIPS are natural sodium bentonite screened to 1/4” (0.64 cm) to 3/8” (0.95 cm) in size. Both are NSF/ANSI Standard 60 Certified. **CETCO TABLETS** are made from organic free, high-solids sodium bentonite. CETCO TABLETS are composed into 1/4” (0.63 cm), 3/8” (0.95 cm), and 1/2” (1.27 cm) diameters. NSF/ANSI Standard 60 Certified.

**CETCO TC BOOSTER** is an additive used to boost the thermal conductivity of CETCO GEOTHERMAL GROUT. The shape of the CETCO TC BOOSTER is a large flake which maximizes the thermal conductivity potential while reducing the amount of dust produced when utilizing the product in the field. NSF/ANSI Standard 60 Certified.

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**GROUTS & SEALANTS**

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**CETCO**

**MIX-80®** is a granular bentonite product composed of sodium bentonite clay with a typical size range between 30 and 100 mesh. CETCO® is an easy mixing, organic-free, high-solids bentonite grout engineered to form a contaminant resistant seal without affecting groundwater chemistry. PUREGOLD® GROUT is a technically superior replacement for traditional cement grouts. NSF/ANSI Standard 60 Certified.

**PUREGOLD®**

**PUREGOLD®** is a high-solids, single-component, bentonite grout formulated to provide a conductive seal around grounding rods. GROUNDING GROUT increases the grounding system’s conductivity by lowering the resistivity from 300 ohms/meter with normal soil to 0.76 ohms/meter. GROUNDING GROUT adheres to the entire surface of the grounding rod not altering the greatest effective resistance area to stabilize the ground resistance despite seasonal changes in temperature and soil moisture content.

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“I have been in the distribution business for 35 plus years. The last 20 years I have been a distributor for CETCO in the West Texas area. My first 15 years we didn’t know what drilling products were for. With the help of the people at CETCO we learned and promoted their product and it became an everyday item in the domestic, irrigation, and environmental part of our inventory. When we have problems their people have answers and are willing to give hands on training if necessary. Is CETCO a really better product? We think so but for sure we can count on their people and that makes a difference to me.”

- Steve Gray, Branch Manager Preferred Pump & Equipment, L.P. Amarillo, TX
FOUNDATION DRILLING

Our professional line of foundation drilling products comprise a suite of slurries and additives representing the industry’s best combination of applied polymer technology. SHORE PAC® handles the most difficult soil conditions and our complete line of specialty additives have a proven track record of delivering the highest levels of performance and most advantageous total project economy of any slurry technology.

PREMIUM GEL® is a 200 mesh, 90 bbl yield sodium bentonite for freshwater drilling, slurry walls, and tunnel boring. PREMIUM GEL® complies with API 13A Section 9, Specifications for Drilling Fluid Materials. NSF/ANSI Standard 60 Certified.

SUPER GEL-X® is an easy mixing, high viscosity 200 bbl yield freshwater drilling fluid produced from the highest grade Wyoming sodium bentonite. May be used for all types of freshwater mud rotary drilling. NSF/ANSI Standard 60 Certified.

SLURRY BUSTER® DRY is an industrial grade oxidizing agent used to breakdown SHORE PAC polymer slurry. NSF/ANSI Standard 60 Certified.

I have been distributing bentonite/polymer products for over 20 years and CETCO products since 1998. Under a solid foundation of deep customer satisfaction, CETCO’s drilling products remain unsurpassed in delivering the greatest performance and value in today’s marketplace.

Their exceptional quality products have been instrumental in many high profile bridge and construction products on the West Coast as well as the rest of the country. CETCO’s management teams and personnel have always been first class-professional and continue to provide outstanding customer support and service to our industry.

– Mike Hagg, Business Development Manager/Slurry Engineer PACO – Pacific American Commercial Company.

CETCO® GRANULAR GROUT mixes into a smooth bentonite grout that has no lumps and pumps easily. CETCO GRANULAR GROUT offers reduced friction going down the tremie pipe, and has a firm set-up. NSF/ANSI Standard 60 Certified.

CETCO® TC BOOSTER® is an additive used to boost the thermal conductivity of CETCO GEOTHERMAL GROUT. The shape of the CETCO TC BOOSTER® is a large flake which maximizes the thermal conductivity potential while reducing the amount of dust produced when utilizing the product in the field. NSF/ANSI Standard 60 Certified.

GEOTHERMAL GROUT® is a specially blended high solids bentonite that can be mixed with sand in a two-part, thermally conductive grouting material. HIGH TC GEOTHERMAL GROUT is an easy pumping grout that has been carefully developed to efficiently suspend silica sand. GEOTHERMAL GROUT® can be mixed to meet a range of thermal conductivity (TC) from 0.40 to 1.00 Btu/hr/ft/F (0.68 to 1.69 W/mK). NSF/ANSI Standard 60 Certified.

INSTA-CLEAR™ DRY is an easy mixing, water soluble, polymer supplied as a granular powder. INSTA-CLEAR™ DRY reacts instantly to settle suspended solids and decrease turbidity.

INSTA-CLEAN™ DRY is a specially blended dry granular product designed for both polymer and water slurries. When added into either type of slurry, INSTA-CLEAN™ DRY reacts instantly to settle suspended solids and decrease turbidity.

SUPER FIRM® is a highly concentrated additive engineered to reduce drilling fluid viscosity and assist in settling solids. It offers immediate thinning action and reduces gel strength. NSF/ANSI Standard 60 Certified.

SODA ASH® is used to raise the pH of make-up water for bentonite and polymer drilling fluids by precipitating soluble calcium. Using SODA ASH will increase the performance of bentonite and polymer drilling fluids.

SODA CARBONATE® is added to a base drilling fluid as a pH neutralizing additive.

SLURRY BUSTER® DRY is an industrial grade oxidizing agent used to breakdown SHORE PAC polymer slurry.

SODA ASH® is used to raise the pH of make-up water for bentonite and polymer drilling fluids by precipitating soluble calcium. Using SODA ASH will increase the performance of bentonite and polymer drilling fluids.

GEOTHERMAL GROUNTS

CETCO offers a complete line of grouting products for the geothermal heat loop installation industry. All CETCO Geothermal Grouts offer ease of mixing and pumping and have low permeabilities that exceed state guidelines. CETCO Geothermal Grouting products are designed to achieve a broad range of thermal conductivities from 0.40 to 1.21 Btu/hr/ft/F.
OUR STANDARDS. YOUR PEACE OF MIND.

“CETCO continues to go above and beyond our expectations. CETCO maintains a professional approach when working through difficult situations, and work closely with all parties involved to make sure the job gets done right the first time.”

– Jamie Hendricks, Power Construction Company, LLC, Chicago, IL