CETCO DRILLING PRODUCTS
MAXIMIZING DRILLING EFFICIENCY

DRILLING FLUIDS | WELL REHABILITATION | POLYMERS & ADDITIVES | GROUNDS & SEALANTS | GEOTHERMAL GROUNDS | FOUNDATION DRILLING

OUR STANDARDS. YOUR PEACE OF MIND.
A Minerals Technologies Company
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.
With the industry’s best on-site engineering and advanced technical support, CETCO is committed to ensuring success in any drilling project.

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

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.

**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.

**PUREGOLD® GEL** is a minimum 90 bbl yield, organic-free, untreated, high quality bentonite drilling fluid designed for the groundwater monitoring industry. It is also used in freshwater drilling, slurry walls, and tunnel boring. It complies with API 13A Section 10, 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.

**VELOXITY-PRO™** is an easy mixing, high viscosity 230 bbl yield freshwater drilling fluid for freshwater mud rotary drilling, vertical well drilling and horizontal drilling applications. VELOXITY-PRO is designed to maintain borehole stability while improving cuttings removal as well as circulation. This newly released high quality bentonite drilling fluid increases viscosity and lowers drilling fluid filtrate. NSF/ANSI Standard 60 Certified.
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™** cleans 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.

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“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
POLYMERS & ADDITIVES

Able to handle any complex drilling conditions, the diverse line of polymers and additives at CETCO continue to assist contractors in the most difficult soil conditions. CETCO polymers and additives consistently deliver the highest performance therefore adding significant value. Having an extensive line of high quality and reliable additives, CETCO will assist you in improving the performance of all of your drilling operations.

**ACCU-VIS® (PHPA, 50% Active)** is a liquid copolymer designed for fast field mixing, viscosity building, and clay/shale stabilization in aqueous drilling fluids. NSF/ANSI Standard 60 Certified.

**BARITE** is a high-grade barium sulfate specially processed used as a drilling fluid weighting additive.

**CETCO® C-LUBE** is a vegetable oil based lubricant for water based drilling fluids. CETCO C-LUBE is a filming type lubricant that reduces rotational torque and drag. It enhances lubricity of water based drilling fluids without adversely altering rheology.

**CETCO® DEFOAMER** is a non-ionic silicone solution designed to reduce surface tension and break foam bubbles over a wide variety of conditions.

**CETCO® JOINT COMPOUND** is a lead-free, premium grade tool joint and drill collar lubricant for heavy duty drilling.

**CLAY CUTTER™** is a concentrated, non-hazardous, proprietary clay inhibitor that can be used with either polymer or bentonite drilling fluid systems. CLAY CUTTER is an ideal additive for HDD bores in reactive clay soils.

**CLAY CUTTER™ DRY** is an easy mixing, water soluble, polymer used in horizontal and vertical drilling applications. It should be added to fresh or saltwater drilling fluids to increase cuttings returns and reduce torque and drag when drilling in reactive clay soils. NSF/ANSI Standard 60 Certified.

**CLAY CUTTER™ PRO** is a concentrated, non-hazardous, proprietary clay inhibitor that can be used with either polymer or bentonite drilling fluid systems. CLAY CUTTER PRO is an ideal additive for HDD bores in reactive clay soils.

**DE-CHLOR™** is a white granular crystal that neutralizes chlorine in municipal water. Chlorine in water supplies can destroy polymer drilling fluids.

**DRILL-TERGE™** is a liquid solution of non-ionic surfactants formulated to increase detergency and wetting properties of drilling fluids.

**HYDRO-PAC™** is a dry hybrid-polymer drilling fluid. HYDRO-PAC is an innovative breakthrough in drilling fluids and containment fluids due to its ability to use saltwater as the hydrating mix water.

**INSTA-CLEAR™ DRY** is designed to lower pH, break emulsions, and remove high levels of suspended solids in water filled boreholes. It works fast for water sampling and down-hole filming.

**INSTA-FLOC™** is a high molecular weight, non-ionic polyacrylamide and is extremely effective in removing fine-grained solids suspended in the slurry.

**INSTA-VIS™ DRY (PHPA)** is an easy mixing, water soluble, high molecular weight an-ionic polymer. This granular polymer improves drilling efficiency in both horizontal and vertically drilled boreholes.

**INSTA-VIS™ PLUS (PHPA, 38% Active)** is a multi-functional liquid polymer designed to improve drilling efficiency in both horizontal and vertically drilled boreholes through its rapid field mixing, viscosity development, and clay and shale inhibition. NSF/ANSI Standard 60 Certified.

**LEB-CD™** is a highly concentrated liquid enzyme breaker used to break down PUREGOLD CLEANDRILL slurry.

**MACRO-FILL** is a granular, advanced super-absorbent loss circulation material that rapidly absorbs and retains large volumes of water from aqueous solutions.

**MAGMA FIBER** is a specially formulated, extrusion spun mineral fiber loss circulation material. This coarse, long, and flexible fiber will give increased circulation by bridging and plugging off voids, fractures, and all types of permeable formations.

**MEDIUM CHIPS** are natural sodium bentonite chips screened 1/4” (0.64 cm) to 3/8” (0.95 cm) in size. This product is used to prevent or stop extreme fluid loss in porous geology for drilled shaft applications.

**MULTI-SEAL** is a select blend of four types of materials normally used for loss circulation. MULTI-SEAL contains no fermenting materials or materials that chemically change the rheological properties of the fluid, even polymer drilling fluids.
PUREGOLD® LUBE is an environmentally safe premium grade lubricant, free of petroleum hydrocarbons and metals. PUREGOLD LUBE is a tool joint lubricant designed for use in environmental drilling.

REL-PAC® (PAC, Dry) is a non-fermenting granular polymer designed for building a low solids drilling fluid with increased borehole stability. REL-PAC is a highly dispersible polymer, that improves drilling fluid efficiency.

REL-PAC® XTRA-LOW (PAC, Dry) is a low viscosity, non-fermenting, dry polymer designed for use as a filtration control additive in a variety of drilling fluid applications. Intended for use in bentonite and polymer drilling fluids.

SAND SEALANT/MULTI-SEAL is added to a borehole filled with SHORE PAC slurry to reduce slurry seepage into saturated open porous permeable cobbles, sands, and gravels.

SHORE PAC® is an easy mixing, water soluble, polymer supplied as a granular powder. SHORE PAC is designed for preparation of viscous earth-reinforcing fluids or slurries for a variety of drilling, trenching, and walling applications in the ge-construction industry. SHORE PAC is ideal for slurry trenching, diaphragm walls, drilled shafts, bored piles, and tunneling.

SLURRY BUSTER™ DRY is an industrial grade oxidizing agent used to break down SHORE PAC polymer slurry.

SLURRYBOND™ is a powdered inorganic mineral formula used for the solidification of high solids drilling slurries. SLURRYBOND is made from a non-biodegradable mineral designed for use on waste slurry that fails to pass a Paint Filter Liquids Test (PFLT).

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

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

STONE STOP™ is a granular sealant composed of polymer-free dried minerals in various mesh sizes.

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-X, SUPER PAC creates an ideal fluid for drilling in a variety of conditions.

SUPER PAC™ XTRA-LOW (PAC, Liquid) is a low viscosity, liquid multi-purpose polymer. SUPER PAC XTRA-LOW enhances the beneficial properties of bentonite and polymer drilling fluids.

SUPER THIN™ is a highly concentrated additive engineered to reduce drilling fluid viscosity. It offers immediate thinning action, reduces gel strength, and is more cost-effective than traditional thinners. NSF/ANSI Standard 60 Certified.

SUSPEND-IT™ (Xanthan Gum) is an easy mixing biopolymer additive used to control drilling fluid rheology. It is designed to enhance gel strength of drilling fluids for improved suspension and transport of drill cuttings, gravel, and cobbles on long bores. SUSPEND-IT will perform effectively in fresh or saltwater.

VARIFLO® QD (Granular Guar Gum) is a coarse granular, high-viscosity blend of guar gum formulated for easy and quick dispersion in drilling applications. Coarser granules prevent lumps or encapsulation.

VERSAFOAM® PLUS is an ultra high-yielding, biodegradable, liquid foaming agent for use in fresh and saltwater air rotary drilling. Dry air rotary drilling or mixed with water for foam drilling. NSF/ANSI Standard 60 Certified.
GROUTS & SEALANTS

CETCO offers a wide assortment of high quality bentonite products to meet the ever changing needs of our customers. CETCO® 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 specialty grouts for Ground Source Heat Pump (GSHP) Systems and Utility & Telecommunications grounding.

**ACCU-VIS®/BELLE CRUMPLESTM** blends a granular bentonite with a quick activating liquid polymer to form a slurry that provides an economical way to seal and grout boreholes, well casings, and earthen structures. Once set, the slurry forms a complete grout seal with low permeability. Both are NSF/ANSI Standard 60 certified.

**C/S GRANULAR™ and CETCO® CRUMLES** are granular bentonite products composed of polymer-free, dried bentonite in various mesh sizes. CETCO CRUMLES are coarser in size than C/S GRANULAR. Both are NSF/ANSI Standard 60 certified.

**CETCO® COARSE CHIPS and PUREGOLD® MEDIUM CHIPS** are used to decommission wells or seal the annulus of a borehole. CETCO COARSE CHIPS are natural sodium bentonite screened to 3/8” (0.95 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® COATED TABLETS** are coated using an aqueous carrier to apply the coating. The coating allows the tablets to reach a discrete depth within the waterwell, piezometer, monitoring well, or annular space. These untreated organic tablets are compressed into 1/4” (0.64 cm) and 3/8” (0.95 cm) sizes. Both are NSF/ANSI Standard 60 certified.
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 has become 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
GEOTHERMAL GROUTS

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.

**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.

**GEOTHERMAL GROUT™** is a specially blended high solids bentonite that can be mixed with sand in a two-part thermally conductive grouting material. 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.

**HIGH TC 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. HIGH TC GEOTHERMAL GROUT can be mixed to meet a range of thermal conductivity (TC) from 0.40 to 1.21 Btu/hr/ft/F (0.68 to 2.05 W/mK). NSF/ANSI Standard 60 certified.
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.

**DE-CHLOR™** is a white granular crystal that neutralizes chlorine in municipal water.

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

**MACRO-FILL™** is a granular, advanced super-absorbent loss circulation material that rapidly absorbs and retains large volumes of water from aqueous solutions.

**MEDIUM CHIPS** are natural sodium bentonite chips screened to 1/4" (0.64 cm) to 3/8" (0.95 cm) in size. This product is used to prevent or stop extreme fluid loss in porous geology for drilled shafts.

**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.

**PUREGOLD® GEL** is a minimum 90 bbl yield, organic-free, untreated, high quality bentonite drilling fluid for freshwater drilling, slurry walls, and tunnel boring. It complies with API 13A Section 10, Specifications for Drilling Fluid Materials. NSF/ANSI Standard 60 Certified.

**SAND SEALANT/MULTI-SEAL** is a specially blended dry powdered mineral and MULTI-SEAL a dry select blend of four types of materials a flake material, a granular material, a fine fibrous material, and coarse fibers used for fluid loss control.

**SHORE PAC®** is an easy mixing, water soluble, polymer supplied as a granular powder. SHORE PAC is designed for preparation of viscous earth-reinforcing fluids or slurries for a variety of drilling, trenching, and walling applications in the geo-construction industry. SHORE PAC is ideal for slurry trenching, diaphragm walls, drilled shafts/bored piles, and tunneling.

**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.

**SODIUM BICARBONATE** is added to a base drilling fluid as a pH neutralizing additive.

**STONE STOP™** is a granular sealant is composed of polymer-free dried minerals in various mesh sizes. STONE STOP is coarser in size than SAND SEALANT/MULTI SEAL and controls slurry loss in extreme conditions.

**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.

**SUPER THIN™** 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.

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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 Hagy, Business Development Manager/Slurry Engineer

PACO - Pacific American Commercial Company
To speak to a CETCO representative in your area, call 1.800.527.9948