



Oilfield Specialty Chemicals Solutions

<https://www.youzhuchem.com/>



YouzhuCHEM

Oilfield solutions: A wellspring for sustainable success now and in the future

We are continuously innovating to deliver solutions that satisfy the evolving demands of our Oilfield customers.

As a wholly owned subsidiary of UNIBROM CORP, YouzhuCHEM focuses on Oilfield specialty chemicals.



YouzhuCHEM specializes in the R&D, production, and supply of high-value Oilfield chemicals and customized formula solutions.

Our product portfolio covers both Oilfield Production Chemicals and Drilling & Completion Chemicals, including solutions for Drilling, Completion, Cementing, Stimulation, Enhanced Oil Recovery(EOR), Production and Water Treatment applications.



To help you operate at maximum efficiency and lower costs and,

YouzhuCHEM: Your Upstream Exploration And Production Services Specialty Chemicals Source.

Production solutions

Your Upstream Exploration And Production Services Specialty Chemicals Source.

Our Oilfield product range features solutions that:

- Add value to oil production in a cost-efficient by improving water-oil separation processes.
- Focuses on critical flow assurance issues in oil and gas production.
- Help customers develop high-performance oil and water-based drilling formulations.
- Address a wide range of stimulation applications.
- Act as dispersants, retarder additives, and rheology stabilizers.
- Provide support in Oilfield cleaning applications like degreasing rig equipment, wellbore cleanup, cuttings cleaning, and removing screen blockage.

Our Factory



Our Laboratory



Our Group



UNiBROM established in 2007, is a comprehensive chemical production and operation enterprise. Through its "Trade + Industrial" dual-driven development model, the company has built a distinctive chemical production, sales, and service industrial chain.



Its business scope spans the R&D, manufacturing, marketing, and after-sales services of **flame retardants, Oilfield additives, water treatment chemicals, pharmaceutical intermediates, and Oilfield drilling downhole tools**. Additionally, it offers third-party testing and certification services and water treatment solutions, with operations extending across 130+ countries and regions globally.

2007 Established

650+ Employees
60+ R&D; 40+ Quality; 8 HSE

\$320 M Revenue

500+ Customers
60+ Countries

9 Plants
8 in China **Shandong**, 1 in Laos

1 Testing Center

6 Oversea Companies
USA/Germany/Singapore/UAE/Laos/Norway

Bromides EU REACH Registration

优博联合

优博科技

优博联合

优博特种材料

天源化学

XINYANGCHEM

泰隆化工

UNITOOLS

优铸

UNITEST

UNIWAI

UNIPHARM

aramco

SOCAR

BASF

KTNGFA

Chevron

LOTTE

GEON

Baker Hughes

Lyondellbasell

LARKXESS

三菱化学

Mitsub

LG

DOW

HALLIBURTON

TotalEnergies

CLARIANT

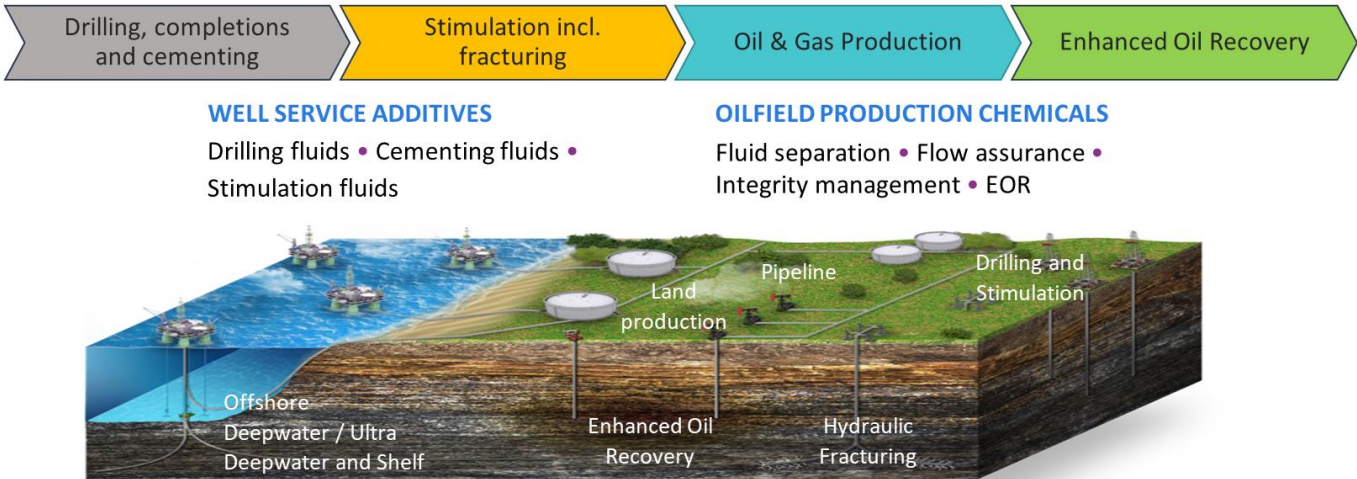
Office

Warehouse

Factory

Total Solutions From the Drill-Bit to the Pipeline

YouzhuCHEM leads as a supplier of innovative technical solutions throughout the life-cycle of the oilfield



Products Catalogue

OBM - Oil Based Mud Additives

To help formulators develop OBM for a variety of field conditions, we provide a wide range of additive solutions. We manufacture additives for both High Temperature and High Pressure applications.

Product	#	Description
Primary Emulsifier		Comprises of modified amidoamine, glycol ether and low-toxic mineral oil.
	UBDrill-213	Serves as a high-temperature emulsifier in oil- and synthetic-base mud systems.
	UBDrill-214	It is formulated to give good emulsification, improved thermal stability of the invert emulsion, and enhanced high-temperature, high-pressure (HTHP) filtration control. Through a number of tests in diesel, white oil and synthetic (Saraline 185V) based mud. It proves that at working temperature up to 200℃ (400°F) or higher.
	UBDrill-213GU	(Tofa based) UBDrill-213GU comprises of modified amidoamine, glycol ether and low-toxic mineral oil. Serves as a high-temperature emulsifier in oil- and synthetic-base mud systems. It is formulated to give good emulsification, improved thermal stability of the invert emulsion, and enhanced high-temperature, high-pressure (HTHP) filtration control. Through a number of tests in diesel, white oil and synthetic (Saraline 185V) based mud.

		It proves that at working temperature up to 200oC (400oF) or higher, UBDrill-213 GU can maintain high ES (electrical stability), low HTHP filtrate and desired rheological property.
Secondary Emulsifier	UBDrill-222	A liquid blend of 80% active, high viscosity, modified tall oil derivative. It is used in invert emulsifier systems as a secondary emulsifier. It is designed to emulsify water into oil and to aid in oil-wetting of drill solids. UBDrill-222 is designed to increase emulsion stability and to aid in fluid loss control.
One-drum Emulsifier	UBDrill-215	Comprises of modified amidoamine, glycol ether and low-toxic mineral oil. It serves as a high-temperature, one-drum emulsifier in oil- and synthetic-base mud systems. It is formulated to give good emulsification, improved thermal stability of the invert emulsion, and enhanced high-temperature, high-pressure (HTHP) filtration control. Through a number of tests in diesel, mineral oil and synthetic (Saraline 185V) based mud. It proves that at working temperature up to 20 0°C (400oF) or higher, UBDrill-215 can maintain high ES (electrical stability), low HTHP filtrate and desired rheological property.
3 in 1 Emulsifier	UBDrill-216 pro	Primary+second+wetting agent. for ultra-high temperature OBM.
Wetting Agent	UBDrill-231 UBDrill-232	A kind of fatty acid derivative used for oil wetting on the drill cuttings, weighting material in non-aqueous drilling fluids system. It can enhance the oil-wet performance of weighting material, cuttings and improve the emulsion stability. UBDrill-231 has good environment acceptable property comparing with aromatic derivative wetting agent, which is quite proper for building the synthetic-based mud system.
Rheology Modifier	UBDrill-241/242	A polymeric material acting as rheology modifier for oil-base mud. It is employed to raise LSRV (Low Shear Rate Viscosity) and YP (Yield Point) of the invert emulsion, but with low impact on plastic viscosity. It is designed to affect the other mud properties as little as possible, Such as emulsion stability and HTHP fluid loss. UBDrill-242 is compatible with all other Unitech oil-base mud additives.
Fluid Loss Agent	UBDrill-252 Organic Lignite UBDrill-254 Oxidized Asphalt	An organophilic lignite, designed to reduce high-pressure, high-temperature fluid loss of oil base drilling fluids. It can help to promote the emulsification of invert emulsion, and improve its stability, particularly in deep and hot wells. UBDrill-252 is an amine treated lignite. It is low toxic. When carefully handling and operating, it will not cause problems to the operators’ health nor to the environment A product made by heating and oxidizing natural asphalt or petroleum asphalt designed to control fluid loss for oil-based muds and Its temperature resistance is up to 400° F.
Thinner	UBDrill-261	A highly concentrated, active, high viscosity, modified tall oil derivative. It is used in transfer emulsifier systems to secondary system. UBDrill-261 is specially formulated to emulsify water into oil and enhance oil-wetting of drill solids. It also improves emulsion stability and supports effective fluid loss control.

Viscosifier and Fluid loss Dual Organophilic Clay	UBDrill-272 Organophilic Clay	An organophilic clay that provides viscosity and gelling properties for all oil-base and synthetic base fluids. UBDrill-272 is a high-performance, amine-treated bentonite that improves the carrying capacity, gel strength, and suspension of weight material while also improving the quality of the filter cake.
	UBDrill-273 UBDrill-273 Pro	An effective replacement for gelling agents in mud plant and onsite well applications where rapid yield is essential for preventing static or dynamic settling. Unlike other organic clays. 273 Pro for Higher Temp. UBDrill-273 will develop the maximum rheological properties shortly after being mixed with minimal shear, eliminating situations where rheology would increase for several circulations after the organic addition. Laboratory tests show that it generates the same or equal rheology more rapidly than standard organic clays.
	UBDrill-STAB HT	A high-temperature stabilizer for oil-based drilling fluids, effective up to 232°C (450°F).

WBM - Water Based Mud Additives

We offer a portfolio of additives that can be used to extend the performance for drilling fluids.Our products are Designed to enhance the performance of drilling fluids used in challenging well conditions.

Product	#	Description
Fluid loss for WBM	UBDrill-111 UBDrill-112	A water-soluble, high-molecular-weight copolymer additive to reduce fluid loss in a wide range of water-base working fluids, which is designed by the concept of molecular structure.
Viscosifier for WBM	UBDrill-121	Viscosity increasing agents for oil field chemicals, which are composed of many kinds of fine chemical materials. It has good viscosity increasing, flocculation, shear dilution and encapsulation properties.
Shale Inhibitor	UBDrill-132M UBDrill-132L	Mature product, has proven performance in field applications A blended liquid containing poly ether amine & poly ether amine acetate to provide superior inhibition of reactive clay and reduce swelling of sensitive shales exposed to water-based drilling fluids. It is the primary shale inhibitor of poly ether amine high-performance water-based drilling fluid system. It acts as a clay hydration suppressant by intercalating and reducing the space between clay platelets so that water molecules will not penetrate and cause shale swelling.
Lubricant	UBDrill-141	A Mixture of natural oleic, used in high temperature water-based mud
	UBDrill-142	Used in brine and water-based mud.
	UBDrill-143 UBDrill-143 Pro	ROP Enhancer,reduce bit &BHA balling,lower torque and drag
	UBDrill-144 EBL	(Aramco APPROVED) Ester-based lubricant derived from natural fats and oils
	UBDrill-145 EP	Non-toxic, biodegradable ester additive

H2S Scavenger	UBDrill-151	Triazine Type, designed for drilling oil and gas fields of high sulfur scavenger.
	UBPro-445	(Dual-soluble) Non-Triazine-Based, a highly effective, polymer-based sulfur scavenger, dual-soluble sulfur scavenger designed for use in both hydrocarbon (oil/gas) and aqueous systems
Defoamer	UBDrill-161	A highly effective defoamer, based on a silicone polymer. It has the properties of water-dispersing, rapid defoaming, and long-term foam suppression. IBC/880kg
	UBDrill-161-diluted	
	UBDrill-162	
Corrosion Inhibitor	UBPro-422	A film forming amine that is water soluble and effective for use in solids-free brines and packer fluids. UBPro-422 corrosion inhibitor is effective up to 400°F (204 °C) in monovalent brines and up to 300°F (149 °C)in calcium and zinc brines.
	UBPro-423	Corrosion inhibitors specifically formulated for Oilfield applications, particularly in the gathering and transmission of crude oil and produced water. Its synergistic blend of cationic surfactants and solvents provides excellent film-forming protection on metal surfaces, effectively mitigating corrosion caused by brine in harsh downhole and pipeline environments. The formulation is designed for easy injection and rapid dispersion in the water phase.
	UBPro-424	
	UBPro-425	
Detergent	Uniklean	Uniklean is formulated from various high-efficiency surfactants and other additives.
		Uniklean is a surfactant solution used for surface cleaning applications. This product can be used to remove water- and oil-based mud residues from pits, tanks, circulating lines and manifolds. And it also will remove oil and grease from hard surfaces.
	Uniklean Pro	Uniklean Pro is formulated from various high-efficiency surfactants and other additives. Nontoxic, odorless, and noncorrosive. Uniklean Pro has strong permeability and can quickly penetrate into the mud cake formed on the wellbore during the drilling process, dispersing and eroding the mud cake, thereby improving, the bonding ability between cement slurry and the contact surface.

Demulsifiers & Deoilers

We help address issues faced by production engineers and service providers. The production, separation, and purification of crude oil and gas must be achieved not only safely but also quickly, economically, and in compliance with the regulatory restrictions of the operator’ s environment.

Product	#	Description
Demulsifier	UBPro-411	411 is a series, High Performance Crude Oil Demulsifier, Exceptional Emulsion Breaking in Oilfield Operations.
	UBPro-412	412 is a series of High Performance oil in water emulsions breaker. Reduce O/W content while minimizing chemical dosage rates

	UBPro-413	A series of formulation of Oilfield Demulsifiers, utilizes an efficient and environmentally friendly block polyether as its primary active ingredient, combined with a powerful resin-based synergist to tackle challenging emulsions.
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Cementing Additives

To optimize the properties of the Drilling Cement and achieve the desired Properties for cementing.

Cementing a well is essential to maintaining production quality and well integrity. The cement slurry must be low viscosity for pumping and must not begin to set before being placed in the desired location, even as the temperature rises. However, it should set with high strength as soon as possible after placement.

Product	#	Description
Displace oil-based mud for Cementing Spacer	UniKlean Pro	Serve as detergent, UniKlean series is designed for different conditions, For downhole cleaning, rig wash...such as UniKlean Pro acts as detergent in cementing displacement fluid additive for efficient mud displacement and removal and well surface wettability change form oil-wet to water-wet.
	UniKlean Plus	
	UniKlean M	
	UniKlean	UniKlean series is designed for different conditions.
	UniKlean L	
Anti-gas-migration	UBCem-511	Toughening and anti-gas migration additives are key components used to improve the toughness of cement stone and prevent gas migration, thereby ensuring cementing quality.
Dispersant	UBCem-531	A robust additive designed to enhance the pumpability of cement slurries under demanding downhole conditions.
	UBCem-531 L	It primarily functions as a friction reducer and rheological modifier, effectively lowering pumping pressures and improving fluid flow.
FLA	UBCem-541	A high-performance polymer fluid-loss additive designed for oil and gas well cementing applications. It is effective in a wide range of cement systems, including those containing fresh water, seawater, and brines.
Defoamer	UBDrill-161	Provide: Polyether Amine、Silicon based types.
	UBDrill-162	An anti-foam formation persistently and is extremely efficient. It is also a very effective defoamer that can beused in most industrial and oil field applications.

Stimulation Additives

To address most of the compelling issues confronting production engineers and service providers on a daily basis. Ensuring highest performance, efficiency, and optimal recovery.

Product	#	Description
Corrosion Inhibitor	UBPro-160	A specifically formulated Mannich based compound with special quaternary ammonium salt type acidizing corrosion inhibitors. Compared with other traditional acidizing corrosion inhibitors. UBPro-160 has better dissolution and dispersion in high temperature applications with more significant corrosion inhibition effect and lower cost. It is applicable for the temperature up to 160° C in most of acid solution systems with outstanding compatibility.
Corrosion Inhibitor	UBPro-CI 1441	A phosphate-based corrosion inhibitor specifically designed for various fluid systems in the oil and gas industry.a liquid corrosion inhibitor specifically formulated for Oilfield applications, particularly in the gathering and transmission of crude oil and produced water.
Viscoelastic Surfactant (VES)	UBEOR-331 UBEOR-332	YouzhuCHEM provides VDA for acidizing, VES for Brines. With a type: Water-soluble modified polyacrylamide-based acid gelling agent. And, A type: high-performance cationic surfactant engineered to form viscoelastic micelles for acidizing fluids and Brines(Calcium Nitrate or Blend Brine). They have passed the test and some of them been applied in fields.
Clay Stabilizer	UBEOR-377	UBEOR-377(Choline chloride) adsorbs onto the surface of clay particles through cation exchange, neutralizing negative charges and reducing the chance of water molecules penetrating into the interlayer of clay, thereby inhibiting expansion. Its anti-swelling rate can reach over 88%, and when compounded with potassium chloride, the anti-swelling rate can be increased to 92.3%, which is significantly better than that of single inorganic salt stabilizers.
H2S Scavenger	UBPro-445 UBPro-446	(Dual-soluble) Non-Triazine-Based, a highly effective, polymer-based sulfur scavenger, dual-soluble sulfur scavenger designed for use in both hydrocarbon (oil/gas) and aqueous systems. (Oil soluble), a high-performance, liquid, non-aqueous zinc-based hydrogen sulfide (H₂ S) scavenger designed for efficient removal of H₂ S in oil and gas production systems
Barium strontium scale dissolver	UBPro-444	A kind of barium strontium scale cleaning agent which is composed of various chelating agents, penetrating agents, solubilizers, etc. It has good cleaning, descaling, and unblocking effects on barium sulfate, strontium sulfate scale, and mild calcium magnesium scale generated during Oilfield injection and production processes.
PPD	UBPro-461	Polymer-based, based on EVA(Ethylene-Vinyl Acetate) A type of high-performance polymeric paraffin inhibitor, Minimizing wax deposition in the crude oils lines. Reduce the freezing point of crude oil.

Heavy Brines

As one of the biggest manufacturers of bromides in China. We are a leading player in China’s bromine industry.

In Oil and Gas sector, These chemicals are mainly used for preparing high-density completion fluids, workover fluids, and kill fluids.

Product	Description	Packaging
Calcium Bromide (CaBr ₂)	Liquid: 1.7sg , 52%,(Aramco approved); (Powder,96%)	1000L/IBC tank, 200L/Drum, 25KG/Bag
Sodium Bromide (NaBr)	Liquid: 1.5 sg , 45%, Powder (98.5%)	
Zinc Bromide (ZnBr ₂)	Liquid: 2.3 sg, 72%, Solid (98%)	

Customized Oilfield Chemical Solutions

We develop and formulate customized chemical solutions based on the specific challenges, technical requirements, and operating conditions provided by our customers.

Please contact us at info@youzhuchem.com. Share your application requirements and field challenges with us, and our technical team will work with you to develop a suitable solution.



Combining a wealth of expertise with an innovative portfolio, our experienced engineers provide tried-and-tested and customized solutions to enhance your drilling, production, stimulation, cementing, and cleaning processes.

With a strong understanding of the growing challenges you face, our Oilfield experts are committed to solving your problems and driving performance in a sustainable way.



With an integrated industrial chain, advanced production facilities, and a strict quality management system, we provide targeted chemical solutions for oil & gas field operations.

YouzhuCHEM operates its own laboratory, enabling us to tailor formulations to the specific well conditions of each project. From formula design to slurry and field-performance testing, every solution is thoroughly analyzed to help customers achieve higher efficiency and optimum operating cost.

Today, YouzhuCHEM is recognized as a trusted Oilfield chemical supplier in China, delivering reliable products, technical support, and customized services worldwide.

Contact us for more details

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Email | info@youzhuchem.com



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