

Drilling and Completion Fluids Portfolio

Contact your local Baker Hughes representative for localized and region-specific assistance

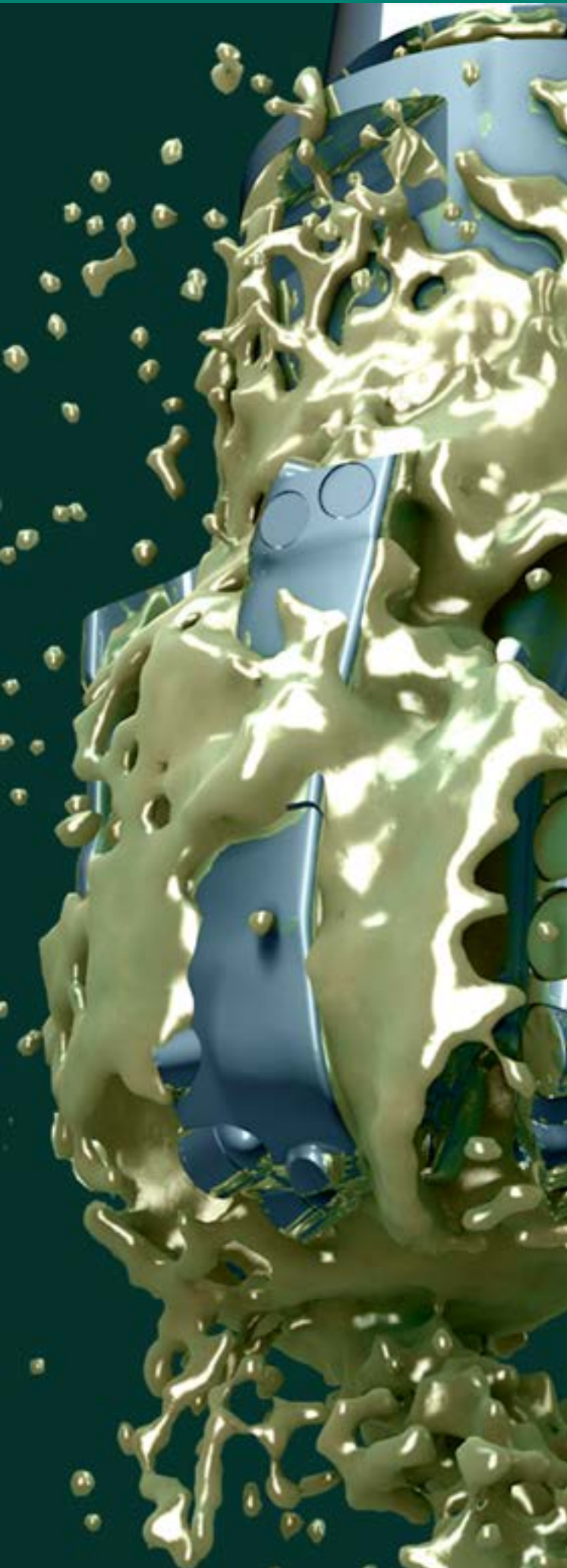
[bakerhughes.com](https://www.bakerhughes.com)

Baker Hughes 

Drilling fluids

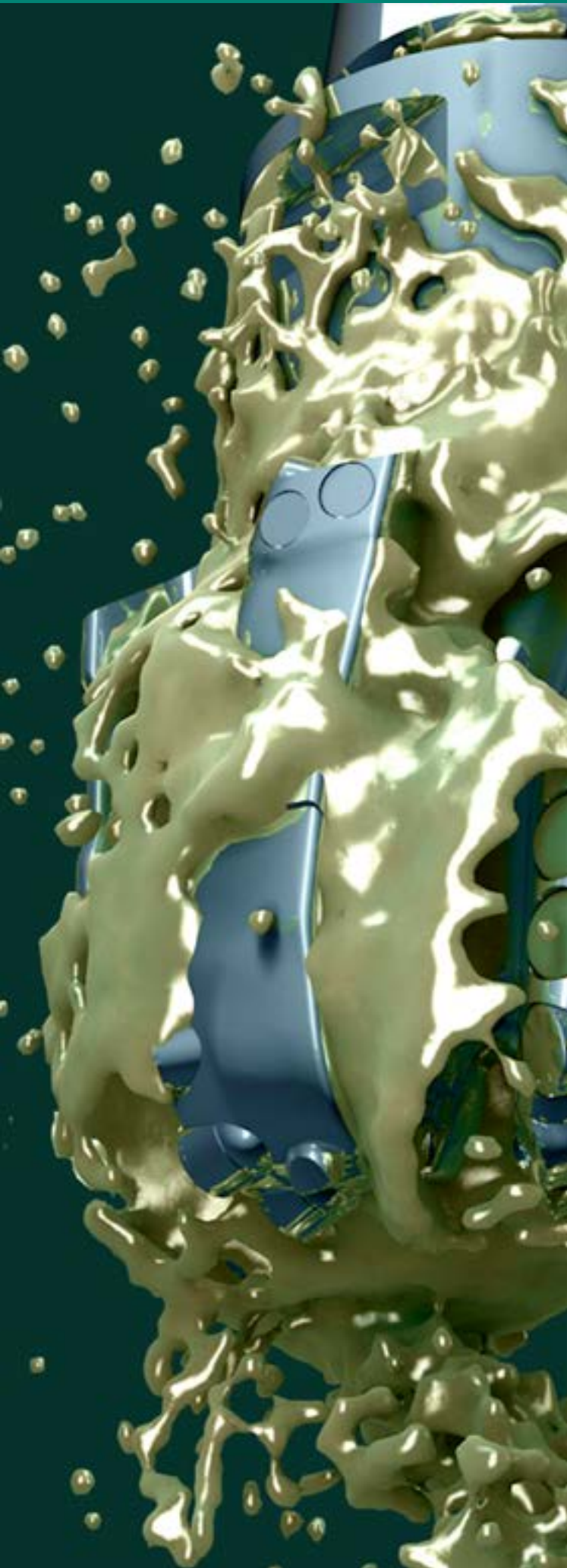
Maximize drilling performance while minimizing costs with drilling fluids solutions from Baker Hughes. Our Drilling & Completion Fluids team delivers Intelligent Fluids Solutions—products and services that help you:

- Make faster, more accurate drilling decisions in a more demanding digital world
- Confidently deliver stable wellbores to target depth, on time and on budget, with unparalleled service and speed
- Implement solutions that lower operational risks while helping optimize production for the life of the asset



✓
Drilling fluid systems

System name	Descriptor	Product description
AQUA-DRILL™	Low-molecular-weight, glycol-based drilling fluid	Fluid system based on cloud point glycol chemistry for clay inhibition and improved lubricity
CARBO-DRILL™	Invert emulsion drilling fluid	Designed to deliver high penetration rates and superior wellbore stability in environments up to 400°F (204°C); can be formulated using diesel or mineral oil
CARBO-SEA™	Invert emulsion drilling fluid	Conventional low-toxicity oil-based mud for use in the North Sea
DELTA-DRILL™	Low-impact drilling fluid	Non-aqueous fluid designed to efficiently and reliably reduce downhole losses and hydraulic impact in land-based drilling applications
DELTA-TEQ™	Low-impact drilling fluid	Non-aqueous formulation engineered to extend drilling in narrow windows in offshore drilling applications
DELTA-TEQ™ XT	Low-impact drilling fluid	Non-aqueous formulation engineered to extend drilling in narrow windows in offshore drilling applications in high-temperature environments
LATIDRILL™	High-performance water-based mud	High-performance water-based drilling fluid system for onshore applications
MAGMA-TEQ™	Invert emulsion drilling fluid	Proprietary, high-performance oil-based mud system specifically designed to withstand extreme high-pressure/high-temperature (HP/HT) environments
PERFLEX™	High-performance water-based mud	A customized high-performance water-based drilling fluid system



System name	Descriptor	Product description
PERFLEX™ SLC	High-performance water-based mud	High-inhibition, silicate-based drilling fluid
PERFORMAX™	High-performance water-based mud	High-performance water-based drilling fluid system for offshore applications
PureMagic™	Single-sack oil-based mud system	An innovative, first-of-its-kind OBM solution that revolutionizes how drilling fluids are mixed and managed in the field
PYRO-DRILL™	Water-based drilling fluid	A flexible and environmentally safe alternative to oil-based muds commonly used in high-pressure/high-temperature (HP/HT) drilling
SYN-TEQ™	Synthetic oil-based drilling fluid	Synthetic-based invert emulsion drilling fluid system



Emulsion products

System name	Descriptor	Product description
BIO-COTE™	Wetting agent	Oil-wetting additive/thinner and dispersing agent for oil- and synthetic-based drilling fluids
CARBO-GEL™	Viscosifier	Organophilic hectorite clay viscosifier for invert emulsion drilling fluids
CARBO-GEL™ II	Viscosifier	Organophilic smectite clay viscosifier for invert emulsion drilling fluids
CARBO-MUL™ 4166	Emulsifier	Highly effective non-TOFA emulsifier and wetting agent for use in diesel oil-based drilling fluids
CARBO-MUL™ HT	Emulsifier	High-temperature emulsifier and wetting agent for CARBO-DRILL™ drilling fluid systems
CARBO-MUL™ RC	Emulsifier	Highly effective, primary emulsifier in diesel oil-based drilling fluids
CARBO-MUL™ XT	Emulsifier	Highly effective non-TOFA emulsifier and wetting agent for use in mineral oil-based drilling fluids
CARBO-TEC™	Emulsifier	Anionic emulsifier for use in invert emulsion drilling fluids
CARBO-TEC™ LT	Emulsifier	Economic emulsifier used with lime hydrate to provide temperature-stable emulsions of water or brine in oil
CARBO-TEC™ S	Emulsifier	Supplemental viscosifier for use invert emulsion drilling fluids

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
CARBO-TROL™	Filtration control agent	Naturally-occurring asphaltine for use in invert emulsion drilling fluid systems
CARBO-TROL™ 375	Filtration control agent	High-temperature, naturally-occurring asphaltine for use in invert emulsion drilling fluid systems
CARBO-TROL™ A-9	Filtration control agent	Temperature-stable organophilic lignite used to control filtration in oil- and synthetic-based drilling fluids
CARBO-TROL™ HT	Filtration control agent	A high-softening-point asphalt
CARBO-VIS™	Viscosifier	Bentonite clay viscosifier for solids suspension in oil and synthetic base muds
CHEKFLOW™	Viscosifier	Copolymer based viscosifier, suspension agent and filtration agent for specialty oil base systems
DEEP SWEEP	Weighting agent	Coarse-ground barite specifically designed for high-density sweeps and for weighted slugs
DELTA-BAR™	Weighting agent	Fine-grind barite for DELTA-TEQ™ low-impact drilling fluid
DELTA-BAR™ UF	Weighting agent	Ultrafine-grind barite, 4.2 sg minimum
DELTA-BAR™ UF 4.1	Weighting agent	Ultrafine-grind barite, 4.1 sg minimum
DELTA-FL™ HT	Filtration control agent	Filtration control polymer for low-pressure-impact drilling fluid and other emulsion-based fluids; stable up to 425°F (218°C)

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
DELTA-FL™ ST	Filtration control agent	Filtration control polymer for low-pressure-impact drilling fluid and other emulsion-based fluids; stable up to 325°F (163°C)
DELTA-GEL™	Viscosifier	Organophilic clay for low-pressure-impact drilling fluid
DELTA-GEL™ II	Viscosifier	Organophilic clay to provide emulsion stability and low viscosity in synthetic based invert emulsion fluids
DELTA-GEL™ PLUS	Viscosifier	Organophilically modified smectite clay viscosifier for solids suspension and viscosity
DELTA-GEL™ XT	Viscosifier	Rheological additive for deep water drilling that targets flat rheology and sag control
DELTA-HOLD™	Rheology modifier	Suspension enhancer for DELTA-TEQ™ low-impact drilling fluid
DELTA-LIFT™	Rheology modifier	Rheology modifier for DELTA-TEQ™ low-impact drilling fluid
DELTA-LIFT™ 4153	Rheology modifier	Rheology modifier for DELTA-TEQ™ low-impact drilling fluid for the North Sea
DELTA-LIFT™ GTL	Rheology modifier	Rheology modifier for DELTA-TEQ™ low-impact drilling fluid
DELTA-MOD™	Rheology modifier	Low-temperature dispersant for low-pressure-impact drilling fluid
DELTA-MOD™ XT	Rheology modifier	Surfactant blend controls cold temperature rheology in synthetic based invert emulsion fluids

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
DELTA-MUL™	Emulsifier	High performance, mineral oil-based emulsifier designed for North Sea operations
DELTA-MUL™ ST	Emulsifier	High-performance emulsifier for DELTA-TEQ™ low-pressure-impact drilling fluid
DELTA-MUL™ XT	Emulsifier	Blend of alkanolamide and fatty acids that can be used as a primary or secondary emulsifier in invert emulsion drilling fluid systems
DELTA-TEQ™ FL	Filtration control additive	Reduces fluid loss in mineral oil and synthetic-based invert emulsion drilling fluids
DELTA-TROL™ LA	Filtration control additive	Liquid filtration control additive for DELTA-TEQ™ applications in Latin America
DELTA-VERT™ ST	Emulsifier	Secondary emulsifier for DELTA-TEQ™ low-impact drilling fluid
ECCO-BLOK™	Filtration control additive	Economical fluid loss additive for nonaqueous fluids; stable up to 325°F (163°C)
ECCO-BLOK™ XT	Filtration control additive	Gilsonite fluid loss additive for nonaqueous fluids; stable up to 350°F (177°C)
ECCO-MUL™ R	Emulsifier	Oil Soluble Polyamide; complies with European Union REACH regulations
FL 1790	Filtration control additive	Filtration control additive for invert emulsion drilling fluids
MAGMA-GEL™	Viscosifier	High purity, wet-processed high-yielding organophilic clay for HP/HT drilling fluid systems

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
MAGMA-GEL™ SE	Rheology modifier	High purity, wet-processed organophilic clay used as a suspension enhancer for HTHP drilling fluid systems
MAGMA-TROL™	Filtration control additive	Filtration control additive for extreme HP/HT applications
MAGMA-VERT™	Emulsifier	Supplementary emulsifier in extreme HP/HT drilling fluid systems
MAXDENSE™	Weighting agent	High density, manganese-based weighting agent with a minimum SG of 4.75
MIL-BAR™	Weighting agent	Ground barite with a minimum 4.20 SG produced to meet API specifications
MIL-BAR™ 410	Weighting agent	Ground barite with a minimum 4.10 SG produced to meet API specifications
MIL-BAR™ NA	Weighting agent	Non-API standard barite
MIL-BAR™ UF	Weighting agent	Finely-ground barite with a D50 of approximately 1.8 microns
NEXT-SEAL™	Lost circulation material	Blend of graphite, cellulose, minerals and polymers that will not preferentially water wet
OMNI-COTE™	Wetting agent	A cost effective thinner and solids dispersing agent for diesel- or synthetic-based invert emulsion drilling fluids
OMNI-COTE™ EH	Wetting agent	Wetting agent for invert emulsion drilling fluids

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
OMNI-COTE™ PLATINUM	Wetting agent	A premium thinner and solids dispersing agent for diesel- or synthetic-based invert emulsion drilling fluid
OMNI-MUL™	Emulsifier	Proprietary patented oil-soluble amide. Synthetic-based emulsifier and wetting agent
OMNI-MUL™ 2	Emulsifier	Economic emulsifier for invert-emulsion applications
OMNI-MUL™ XT	Emulsifier	Next generation environmentally acceptable polyamide emulsifier for synthetic base fluids up to 420°F (216°C)
OMNI-PLEX™	Rheology modifier	High performance, anionic synthetic polymer rheology modifier
OMNI-TEC™	Emulsifier	Anionic emulsifier used with lime to provide temperature-stable emulsions in synthetic and oil-base systems
SIX-UP	Rheology modifier	Low end rheology modifier for LMP and transportation
SURF-COTE™	Wetting agent	Oil-soluble, sulfonate surfactant wetting agent



Water-based mud products

System name	Descriptor	Product description
AMI-TEC™	Corrosion inhibitor	An oil-soluble, water-dispersible amine used for corrosion control in water-based drilling fluids
AQUA-COL™	Shale inhibitor	Cloud point glycol for fresh water and low-salinity brines
AQUA-COL™ D	Shale inhibitor	Cloud point glycol for high-salinity brines
AQUA-COL™ W	Shale inhibitor	Cloud point glycol for high-salinity brines designed for Western Hemisphere applications
BIO-LOSE™	Filtration control additive	Complexed polysaccharide filtration control additive
BIO-PAQ™	Filtration control additive	Proprietary, high-performance additive used to provide low shear viscosity and a compressible filtercake, lowering filtration rates at both low and high temperatures and pressures
CHEK-TROL™	Shale inhibitor	Water-soluble additive designed to suppress hydration of reactive clays
CHEMTROL™ X	Filtration control additive	High-temperature filtration control additive for water-based drilling fluids
CLAY-TROL™	Shale inhibitor	Water-soluble shale hydration and dispersion inhibitor
CLAY-TROL™ XPR	Shale inhibitor	Water-soluble shale hydration and dispersion inhibitor

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
KEM-SEAL™	Filtration control additive	Filtration control additive for water-based drilling fluids
KEM-SEAL™ PLUS	Filtration control additive	HP/HT filtration control additive for water-based drilling fluids
KEM-SEAL™ XT	Filtration control additive	High-temperature and hardness tolerant filtration control additive
LATIBASE™	Multifunctional additive	Single-sack, multifunctional base additive for LATIDRILL™ system
LATIMAGIC™	Wellbore stabilizer	Provides wellbore stability in LATIDRILL™ system
LATIRATE™	ROP enhancer	Blend of lubricating surfactants for LATIDRILL™ system
LATITROL™	Filtration control additive	Filtration control additive for LATIDRILL™ system
LIGCON™	Filtration control additive	Causticized leonardite used for filtration control in water-based drilling fluids
LIGCO™	Filtration control additive	Highly-oxidized leonardite used to control filtration in water-based drilling fluids
MAX-GUARD™	Shale inhibitor	Polyamine derivative hydration and swelling suppressant
MAX-GUARD™ E	Shale inhibitor	Shale Stabilizer based on polyamines
MAX-GUARD™ PLUS	Shale inhibitor	High-grade polyamine derivative hydration and swelling suppressant

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
MAX-GUARD™ XPR	Shale inhibitor	Technical grade polyamine derivative hydration and swelling suppressant
MAX-PLEX™	Shale inhibitor	Aluminum/sulfonated resin complex designed for borehole and cuttings stability
MAX-TROL™	Filtration control additive	Sulfonated resin material used primarily for lowering of HP/HT fluid loss
MIL-GARD™	H ₂ S scavenger	Patented basic zinc carbonate used to protect tubular goods from hydrogen sulfide corrosion
MIL-GARD™ FE	H ₂ S scavenger	A liquid hydrogen sulphide scavenger based on soluble iron chemistry
MIL-GARD™ L	H ₂ S scavenger	Liquid hydrogen sulfide scavenger
MIL-GARD™ XPR	H ₂ S scavenger	Water-based scavenger used to remove hydrogen sulfide and carbon dioxide from drilling fluids
MILGEL™	Viscosifier	Bentonite, API grade
MILGEL™ NT	Viscosifier	Premium-grade of natural Wyoming bentonite
MIL-LIME™	Alkalinity control	Calcium hydroxide for alkalinity control
MIL-PAC™ LV	Filtration control additive	Low viscosity, high-grade polyanionic cellulosic polymer
MIL-PAC™ LV PLUS	Filtration control additive	Low viscosity polyanionic cellulose meeting ISO 13500:2006 PAC-LV specifications

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
MIL-PAC™ LV PLUS	Filtration control additive	Low viscosity polyanionic cellulose meeting ISO 13500:2006 PAC-LV specifications
MIL-PAC™ LVT	Filtration control additive	Low viscosity, technical grade polyanionic cellulosic polymer
MIL-PAC™ R	Filtration control additive	Polyanionic cellulosic polymer used to control filtration properties of WBM
MIL-PAC™ R PLUS	Filtration control additive	Polyanionic cellulose meeting ISO 13500:2006 PAC-HV specifications
MIL-PAC™ RT	Filtration control additive	Technical grade polyanionic cellulosic polymer used to control filtration properties of WBM
MILSTARCH™	Filtration control additive	High-grade, pre-gelatinized starch for filtration control in drilling fluids
MIL-TEMP™	Deflocculant	Low-molecular weight copolymer deflocculant stable at elevated temperatures
NEW DRILL™ STICKS	Shale inhibitor	Polymer stick designed to reduce bit balling, impart shale stability, friction reduction, viscosity and fluid loss control in water based drilling fluids
NEW-DRILL™ L	Shale inhibitor	High-molecular-weight, partially-hydrolyzed polyacrylamide (PHPA) dispersed in a mineral oil
NEW-DRILL™ LV	Shale inhibitor	Low viscosity, partially-hydrolyzed polyacrylamide (PHPA)
NEW-DRILL™ PLUS	Shale inhibitor	Concentrated, powdered high-molecular-weight, partially-hydrolyzed polyacrylamide (PHPA)

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
NEW-DRILL™ PLUS STICKS	Shale inhibitor	Polymer stick designed to reduce bit balling, impart shale stability, friction reduction, viscosity, and fluid loss control in water-based drilling fluids
NEW-DRILL™ STICKS	Shale inhibitor	Polymer stick designed to reduce bit balling, impart shale stability, friction reduction, viscosity, and fluid loss control in water-based drilling fluids
NEW-THIN™	Deflocculant	Polymeric thinner/deflocculant tolerant to high temperatures, divalent cations, pH changes, and salinity
NEW-TROL™	Filtration control additive	Synthetic sodium polyacrylate polymer filtration control additive
NF2™	Gas hydrate inhibitor	Low-molecular-weight glycol used to inhibit gas hydrate formation in WBM
PENETREX™	ROP enhancer	Decreases bit balling, causing increased rates of penetration and improved drilling performance
PERMA-LOSE™ HT	Filtration control additive	Biocide-treated, high-temperature starch
PROTECTOMAGIC™	Shale inhibitor	Asphalt blend used to stabilize shale in diesel oil-based muds
PROTECTOMAGIC™ M	Shale inhibitor	Oil-free, proprietary water-dispersible, blown petroleum asphalt
PYRO-TROL™ II	Filtration control additive	HP/HT filtration control additive for WBM
PYRO-TROL™ II HT	Filtration control additive	HP/HT filtration control additive for WBM

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



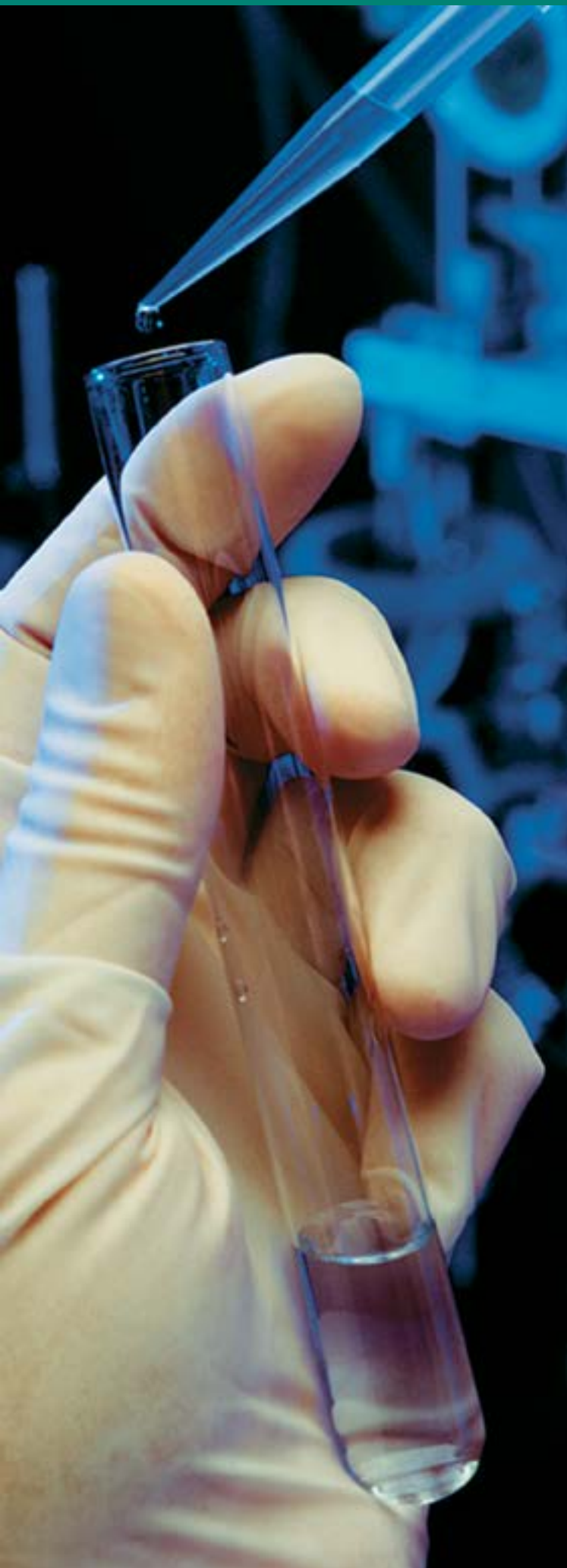
System name	Descriptor	Product description
PYRO-VIS™ II	Viscosifier	HP/HT viscosifier for WBM
PYRO-VIS™ II HT	Viscosifier	HP/HT viscosifier for WBM
SHALE-PLEX™	Shale inhibitor	Gold-tier aluminum complex to stabilize shale and reduce pore pressure transmission
SULFATROL™	Filtration control additive	Sulfonated asphalt shale stabilizer and HP/HT fluid loss additive (>60% water soluble)
SULFATROL™ XCEED	Filtration control additive	Sulfonated asphalt shale stabilizer and HTP/HT fluid loss additive (>80% water soluble)
TERRA-RATE™	ROP enhancer	Blend of paraffin or paraffin/olefin with sorbitan monooleate used to enhance rate of penetration and lubricity
UNI-CAL™	Deflocculant	Chrome-treated sodium lignosulfonate deflocculant
UNI-CAL™ CF	Deflocculant	Lignosulfonate deflocculant manufactured without the addition of chromium compounds
XAN-PLEX™ D	Viscosifier	High-molecular-weight xanthan gum polysaccharide with enhanced dispersibility
XAN-PLEX™ DSP	Viscosifier	High-molecular-weight xanthan gum polysaccharide with enhanced dispersibility
XAN-PLEX™ L2	Viscosifier	High-molecular-weight xanthan gum polysaccharide liquid viscosifier



Specialty products

System name	Descriptor	Product description
ADVANCE SEAL AS	Lost circulation material	Single-sack, acid soluble LCM designed to seal large fractures and vugs
ALL-TEMP™	Deflocculant	Water-based deflocculant and rheology stabilizer with special application in high temperature environments
AQUA-MAGIC™	Differential sticking preventative	Environmentally preferred spotting fluid additive for depleted zones
BAKER-SQUEEZ™	Lost circulation material	Massive lost circulation treatment which effectively seals all types of fractures and high permeable formations
BIO-SPOT™	Pipe-freeing agent	Non-hydrocarbon pipe freeing agent
BLACK MAGIC™ SFT	Pipe-freeing agent	Single-sack additive for building variable-density spotting fluids used for stuck pipe
BRIDGEFORM™	Wellbore stabilizer	Single-sack wellbore strengthening system
CHEK-LOSS™	Lost circulation material	Water-insoluble, ultra-fine, complexed cellulosic material
CHEK-LOSS™ PLUS	Lost circulation material	Water-insoluble, ultra-fine, cellulosic material that will not preferentially water wet
KOMPRESS™	Lost circulation material	Massive lost circulation treatment, builds a filter cake with high compressive strength

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



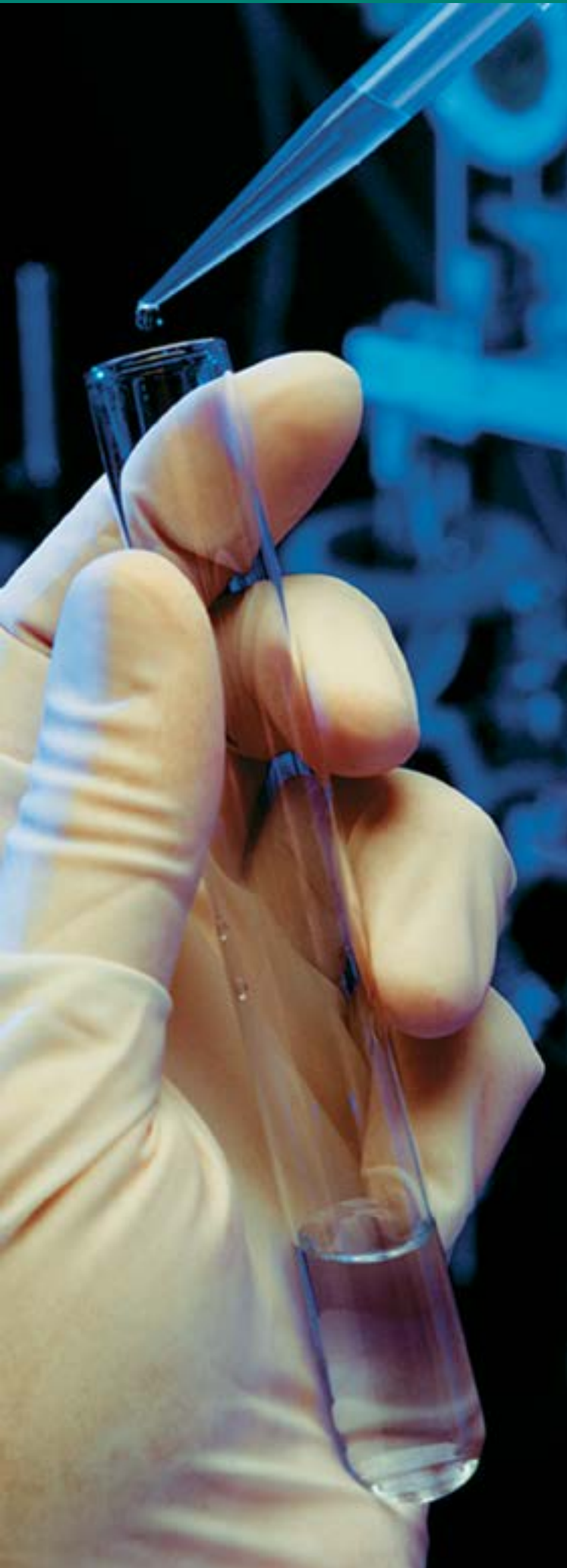
System name	Descriptor	Product description
LATILUBE™	Lubricant	High-temperature lubricant for LATIDRILL™ system
LC-GLIDE™	Lubricant	Spherical, crystalline carbon beads used to reduce torque and drag during drilling, wireline, and casing operations
DRILING	Lubricant	Sized ground graphite
LC-LUBE™ COARSE	Lubricant	Coarse-sized synthetic graphite lubricant and LCM
LC-LUBE™ FINE	Lubricant	Fine-sized synthetic graphite lubricant and LCM
LC-LUBE™ PLUS	Lubricant	Specially formulated, sized synthetic graphite lubricant and LCM
LC-LUBE™ ULTRA FINE	Lubricant	Ultra fine-sized, synthetic graphite lubricant and LCM
LD-9™	Defoamer	Polyether polyol for use as a defoamer in both freshwater and saltwater fluids
LD-10™	Defoamer	Defoamer for freshwater, seawater, and high salinity brine based fluids
MAGMA-FIBER™ COARSE	Lost circulation material	Mineral Fiber: Vitreous fiber made from blast furnace slag and/or basalt
MAGMA-FIBER™ FINE	Lost circulation material	Mineral Fiber: Vitreous fiber made from blast furnace slag and/or basalt

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
MAGMA-PLEX™	Suspension enhancer	High purity, ultrafine natural calcium carbonate
MAX-LOCK™	Lost circulation material	Novel LCM solution for sealing highly fractured massive loss circulation zones
MAX-SHIELD™	Wellbore stabilizer	Sealing polymer which can be used in fluids up to saturated salt; temperature stability up to 350°F (177°C)
MD™	Detergent	Biodegradable liquid detergent and rig wash
MD™ II	Detergent	Biodegradable liquid detergent and rig wash
MIL-BIO™ PLUS	Bactericide	A highly concentrated, low viscosity, liquid oxazolidine-based biocide for use in the North Sea
MIL-BIO™ SEA 98	Bactericide	A concentrated, low viscosity liquid biocide based on tetrakis(hydroxymethyl) phosphonium sulphate (THPS)
MIL-CARB™ Series	Bridging agent	Sized metamorphic calcium carbonate blends
MIL-CLEAN™	Detergent	An alkaline biodegradable cleaner/degreaser
MIL-GLIDE™	Lubricant	Spherical glass drilling beads
MIL-GLIDE™ CP	Lubricant	Copolymer bead

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
MIL-GRAPHITE™	Lubricant	Graded graphite used primarily to enhance lubricity and sliding
MIL-LUBE™	Lubricant	A blend of organic surfactants and modified fatty acid compounds designed to reduce torque and drag in all types of water-based drilling fluids
MILMICA™ Series	Lost circulation material	Crystalline monoclinic phyllosilicate
MIL-PLUG™ Series	Lost circulation material	Ground nutshell with no nut meat present
MIL-SEAL™ Series	Lost circulation material	Blend of granular, flake and fibrous materials
MIL-SPOT™ II	Pipe-freeing agent	A liquid blend of a long chain fatty acid pitch, an emulsifier, and gellant
NANOSHIELD™	Wellbore stabilizer	Wellbore sealing copolymer used for sealing shale formations and promote wellbore stability
NAVI-LUBE™	Lubricant	Blended organic surfactants and modified fatty acid compounds in mineral oil/glycol to reduce WBM torque and drag
OMNI-LUBE™	Lubricant	Environmentally acceptable ester based lubricant
OMNI-LUBE™ V2	Lubricant	Next generation environmentally-acceptable polymeric fatty acid solution lubricant for emulsion-based drilling fluids

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
SOLUFLAKE™ D Series	Lost circulation material	Specially sized flaked calcium carbonate
SOLUFLAKE™ Series	Lost circulation material	Flaked calcium carbonate used to bridge and seal fractures
SOLU-SQUEEZ™	Lost circulation material	High fluid loss, high solids LCM squeeze
TEQ-LUBE™ II	Lubricant	Environmentally compliant torque and friction reducer for WBM and high salinity fluids
TERRA-LUBE™	Lubricant	Ester-based lubricant, stable up to 320°F (160°C)
TERRA-SHIELD™	Wellbore stabilizer	High performance sealant polymer for water based systems
W.O. 30™ Series	Lost circulation material	Specially sized calcium carbonate for bridging permeable formations
X-CIDE™ 102	Bactericide	Glutaraldehyde biocide
X-LINK™	Lost circulation material	Cross-linking polymer for sealing severe lost circulation
X-LINK™ ACR	Lost circulation material	Liquid accelerator to increase X-LINK's cross-linking rate.
X-LINK™ RTR	Lost circulation material	Retarder for X-LINK cross-linking polymer

Completion fluids

The Baker Hughes Drilling & Completion Fluids team delivers Intelligent Fluids Solutions – products and services designed so that every completion fluid we manufacture and deploy enables operators to:

- Make faster, more accurate decisions in a more demanding, more digital world
- Be confident that the job will be performed on time, on target, with unparalleled service delivery
- Solve business and operational challenges with a portfolio of products and services that span the lifecycle of the asset



Reservoir drilling

System name	Descriptor	Product description
AKVO™ TROL HT	Filtration control additive	A highly modified, temperature-stable starch for water-based drill-in and completion fluids
DCOE-7024	Viscosifier	Multifunctional additive and a primary component of PERFFLOW™ NG drill-in fluid system
DCOE-7025	pH buffer	pH buffer for PERFFLOW™ NG drill-in fluid system
DELTAFLOW™	Low-impact invert emulsion drill-in fluid	Low-impact invert emulsion drill-in fluid
DELTAFLOW™ OCF	Low-impact, organophilic clay-free invert emulsion drill-in fluid	Low-impact, organophilic clay-free invert emulsion drill-in fluid
DELTA-LIFT™	Rheology modifier	Rheology modifier for DELTA-TEQ™ low-impact drilling fluid
DELTA-LINE™	Rheology modifier	Rheology modifier for the DELTAFLOW OCF system
DELTA-VIS™	Rheology modifier	Rheology modifier for the DELTAFLOW OCF system
DLA-FA™	Organic acid generator	Formic acid precursor for use in conjunction with filtercake breaker systems

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
DLA-HA™	Organic acid generator	Acetic acid precursor for use in conjunction with filtercake breaker systems
D-PAQ™	Filtration control additive	Filtration control additive and viscosifier for divalent brine-based RDIF
D-PLEX™	pH buffer	pH buffer for divalent brine-based RDIF
DYNAFLOW™	Reservoir drill-in fluid system	Biopolymer-free RDIF system designed for use in divalent brine applications
FLOW-CARB™ Series	Bridging agent	Sized calcium carbonate blends used as bridging agents in drill-in fluids
MUL-FREE™ RS	Nonemulsifier	A nonemulsifier surfactant used to prevent emulsions in completion fluids
OMNIFLOW™	Invert emulsion reservoir drill-in fluid	Invert emulsion reservoir drill-in fluid
PERFFLOW™ CM	Water-based drill-in fluid	Water-based drill-in-fluid with custom-sized bridging agents
PERFFLOW™ DIF	Water-based drill-in fluid	A single-sack, water-based DIF system containing the ideal blend of carbonate, viscosifier, and filtration control additives
PERFFLOW™ IF	Water-based drill-in fluid	Intelligent reservoir drill-in fluid
PERFFLOW™ NG	Water-based drill-in fluid	Next-generation, high-performance water-based drill-in fluid

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
W.O. 21™	Viscosifier	Nonionic polymer used as a viscosifier for fresh water and brine workover and completion fluids
W.O. 21™ L	Viscosifier	Liquid dispersion of hydroxyethylcellulose
W.O. 21™ LE	Viscosifier	Liquid dispersion of hydroxyethylcellulose
W.O. 21™ LE PLUS	Viscosifier	Liquid dispersion of hydroxyethylcellulose
W.O. DEFOAM™	Defoamer	Alcohol-based defoamer
W-306™	Viscosifier	A liquid suspension of viscosifying and filtration agents for brine drill in and completion fluids
W-309™	Viscosifier	A dry blend of viscosifying and filtration agents for PERFFLOW DIF systems and solids free spots
W-313™	Filtration control additive	Very temperature stable biopolymer modified starch



Filter cake breakers and additives

System name	Descriptor	Product description
GeoWASH™ OB	Filter cake remover and activation fluid	Oil-based drill-in fluid filter cake remover and activation fluid for GeoFORM™
GeoWASH™ WB	Filter cake remover and activation fluid	Water-based drill-in fluid filter cake remover and activation fluid for GeoFORM™
MAX-CURE™ ECR	Enhanced Cake Removal System	Engineered to enhance oil recovery in mature fields by removing potential damages caused by water-based drill-in fluid filter cake
MICRO-WASH™	Invert emulsion drill-in fluid filter cake breaker system	Microemulsion System designed to remove synthetic and oil-based mud filter cake and drilling fluid formation damage
Mudzyme™	Water-based drill-in fluid filter cake breaker system	Enzyme-based filter cake breaker for water based drill-in fluid applications
MUDZYME™ FB	pH buffer	pH control and buffer when not using acid
MUDZYME™ S	Starch-specific enzyme	An enzyme that degrades starch polymers within the WBM filter cake
MUDZYME™ SA	pH buffer	pH control and buffer when using organic acid
MUDZYME™ X	Xanthan gum-specific enzyme	An enzyme that degrades xanthan polymers within the WBM filter cake

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
NOZYME™	Chelating agent for filter cake breakers	Chelant agent designed to dissolve calcium carbonates in water-based Drill-in fluid filter cakes
OHR™ 1606A	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 1633	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 1643A	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 1648	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 1650	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 1654	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 1655	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
OHR™ 747	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 750	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 750 PLATINUM	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 759	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ 770	Surfactant	Surfactant blend and a component of MICRO-WASH™ filter cake breaker system
OHR™ AC	Surfactant	An acid corrosion inhibitor for MICRO-WASH applications



Completion fluid additives

System name	Descriptor	Product description
MAX-BRINE™ IF	Completion fluid	Proprietary new generation of multifunctional, “intelligent completion brines”, customizable for specific reservoir fluids and formations
BRINE-PAC™ 1500	Corrosion inhibitor	An amine-based corrosion inhibitor suitable for use in monovalent and calcium-based brines
BRINE-PAC™ 3N1	Corrosion inhibitor	Multifunctional additive (corrosion inhibitor, bactericide, and oxygen scavenger) suitable for use in most brines
BRINE-PAC™ XTS	Corrosion inhibitor	A sulfur-free, amine-free corrosion inhibitor for use in completion brines
CX-1	Iron sequestor	Citric Acid Anhydrous
ECCO-TEMP™	Polymer temperature extender	Amine-based polymer stabilizer for water-based drilling and completion fluids
KLARO™ DEFOAM	Defoamer	Silicone-based defoamer for brines and fresh water
KLARO™ FS	Fine stabilizer	Fines stabilization agent for aqueous solution
KLARO™ LUBE	Lubricant	Clear brine lubricant

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
KLARO™ LUBE NS	Lubricant	Clear brine lubricant for North Sea applications
KLARO™ NE	Nonemulsifier	Environmentally-preferred nonemulsifier for Completion Fluids
KLARO™ SI	Scale inhibitor	Multipurpose polymeric scale Inhibitor
NOXYGEN™ L	Oxygen scavenger	Ammonium bisulfite solution used as an oxygen scavenger in WBM
NOXYGEN™ NA	Oxygen scavenger	A liquid oxygen scavenger for use in completion fluids and water-based drilling fluids
NOXYGEN™ XT	Oxygen scavenger	An organic salt, non-sulfur oxygen scavenger for use in calcium chloride, calcium bromide, and zinc bromide completion brines
QUICK VIS™ HT	Viscosifier	Liquid nonionic, high molecular weight polymer, readily dispersible in brines
SCALE-BAN	Scale inhibitor	A low molecular-weight acrylic, homo-polymer scale inhibitor for use in water-based fluids
ULTRA VIS™	Viscosifier	Pure, high quality liquid HEC viscosifier for single-salt calcium chloride and all monovalent brines
W-311™	Viscosifier	A blend of viscosifying and filtration polymers that are suitable for divalent brines
W-312™	Filtration control additive	High performance modified starch used to control filtration in freshwater, monovalent brines and divalent brines



Wellbore cleaning

System name	Descriptor	Product description
MICRO-PRIME™	Wellbore-cleaning spacer system	Proprietary mesophase displacement spacer train for complete removal of invert emulsion drilling fluids
BAKER CLEAN™ 5	Displacement chemical	Wellbore cleanup system approved for use in the North Sea
BAKER CLEAN™ 6	Displacement chemical	Wellbore cleanup system approved for use in the North Sea
BAKER CLEAN™ 7	Displacement chemical	Wellbore cleanup system approved for use in the North Sea
CASING WASH™ 100	Displacement chemical	Water insoluble mixed alcohol and surfactant blend to clean casing and pipe during displacements
PRIME™ 100	Displacement chemical	A proprietary blend designed to formulate a weighted push pill to clean S/OBM residue from casing and risers
PRIME™ 200HT	Displacement chemical	Proprietary surfactant blend for high temperature MICRO-PRIME™ displacements
PRIME™ 743	Displacement chemical	Surfactant blend used as a displacement spacer for wellbore cleaning
PRIME™ 759	Displacement chemical	Cosurfactant blend for use in transition spacer of MICRO-PRIME™ displacements

DRILLING AND COMPLETION FLUIDS PRODUCT PORTFOLIO



System name	Descriptor	Product description
PRIME™ 760	Displacement chemical	Surfactant blend used as a displacement spacer for wellbore cleaning
PRIME™ 770	Displacement chemical	A spacer system designed to formulate the MICRO-PRIME spacer during the displacement of S/OBM from casing and risers
PRIME™ VIS HT	Displacement chemical	High-temperature viscosifier for the MICRO-PRIME system in well with temperatures above 300°F (149°C)
WELL WASH™ 100	Displacement chemical	Water-soluble surfactants formulated to remove water-based drilling fluids and mud residues from casing, pipe, and formation
WELL WASH™ 120	Displacement chemical	Can be used in brine formulations up to 18.0 ppg (2.16 sg); used in WBM applications
WELL WASH™ 2000	Displacement chemical	Blend of surfactants and solvent to clean invert emulsion drilling fluids from pits, tanks, and lines
WELL WASH™ 2020	Displacement chemical	Blend of water-soluble surfactants for use in displacements of invert emulsion fluids



Specialty applications

System name	Descriptor	Product description
GeoPACK™	Invert emulsion gravel pack carrier fluid	Invert emulsion gravel pack carrier fluid which assists in achieving a complete gravel pack in formations with shale stringers
MICRO-CURE™ E2	Near-wellbore remediation	Environmentally friendly remediation treatment for treating emulsion damage, water blocking, and water wetting issues
SUPER INSULGEL™	Insulating packer fluid	Thermal insulating packer fluid which minimizes conduction and convective heat transfer from produced fluids to the annulus
TEKPLUG™ GH	Solids free cross-linked pill	High-density solids-free cross-linked guar gum polymer fluid loss control pill
TEKPLUG™ GL	Solids free cross-linked pill	Solids-free cross-linked guar gum polymer fluid loss control pill

[bakerhughes.com](https://www.bakerhughes.com)

Copyright 2026 Baker Hughes Company. All rights reserved. 86199

Baker Hughes 