



Middle East Oilfield Supplies FZE



www.meosglobal.com

Middle East Oilfield Supplies FZE,
is one of the credible international
Oilfield Supplies & Services Company



Middle East Oilfield Supplies FZE. is one of the credible international oilfield supplies & services company. The company has already acquired its reputation in the international market in supply and services of oilfield products.

MEOS is specialized in supplies of various requirements for Ships, Yachts, Dredgers, Land and Offshore rigs etc. Our office in Sharjah & Dubai, U.A.E., is managed by personnel with significant experience in all aspects of sales, purchasing, warehousing and business development in the field of Oil & Gas. Our facilities include a warehouse complex of 5,000sq.ft.

MEOS stock supplies of ship stores, drilling / oil field equipments, marine chemicals & lubricants, hardware, safety products, pipe and fittings, nuts and bolts, refrigeration, welding items, hoses, wire ropes and various consumables. Our geographical coverage is widespread. Our strong network, relationship and influence with manufacturers from U.S, Europe, China, Singapore & India which enables us to offer superior packages of equipment to end users for specific high value.

With our strong presence in the Middle East market, we have also made our presence felt across the globe by trading in countries like India, Iraq, Saudi Arabia, Kuwait, Qatar, Oman, Australia, Europe, Brazil, Argentina, Africa, and the United States of America.

Casing & Tubing

We supply Casing & Tubing from mills authorized to use the API monogram as per API specification 5CT product. We offer the standard API range of round thread (STC, LTC, BTC, NUE and EUE) connection and also supply Casing & Tubing with premium connection.

MEOS offers Casing & Tubing for:

- General & Deep Well Services
- Sour Oil & Gas Services
- High Collapse Deep Well Services

Line Pipe

We supply Line Pipes manufactured according to API specification 5L from mills authorized to use the API Monogram on API specification 5L products where we have long term marketing arrangements with mills in Japan, Romania, Russia, Ukraine, Germany, China & India under which we can market their range of Line Pipe to many end users.

Downhole Products & Equipments

- Drill Bits
- Drilling Motors
- Borehole Enlargement
- Drilling Tools and Products
- Fishing Tools
- Intervention and Completion Tools
- Service Equipment
- Sheaves
- Drilling Block
- Rotary Tables
- Swivels & Swivel Joints
- Cementing Hose
- Mud Pumps
- High Pressure unions and Pressure gauges
- Hammer Unions
- Crown Block Assembly
- Traveling Block & Hook Assemblies



Valves

We supply Check valve, Globe valve, Gate valve, Ball valve and Butterfly valve from internationally renowned manufacturers of industrial valves certified to AFNOR, API, ASME, AWWA, BS, DIN, EN and ISO.

Our principles and their products are approved and used worldwide in the Oil & Gas, Power Chemical and Petrochemical industries.

We can supply from internationally renowned manufacturers specialized in the supply of Choke and Control valves. These are API 6A and ISO 9001 approved products which are used worldwide in the Oil & Gas industry.

Fuels & Lubricant

We supply following lubricants.

- Engine Oil
- Hydraulic Oil
- Gear Oil
- Transmission Fuel
- Grease & Packing Compounds
- General & Synthetic Lubricants
- Antifreeze Agents

Workshop Equipment & Materials

- Rope/Wire Rope
- Chain
- Web Slings
- Connectors & fittings
- Hoists & Trolleys
- Fasteners (Bolts, Screws, Washers, Nuts & Rivets)



Fire Protection & Safety Equipment Supplies

- Detectors
- Consumable Instruments
- Fire Fighting Equipments
- Air Breathing Apparatus
- Respirators & Resuscitators
- First Aid Supplies
- Survival Kits & Gear
- Survival Suits
- Fire Extinguishers
- Fire Protection
- Signs

General Consumables

- Painting Accessories
- Cup Wire Brush
- Cutting/Grinding/Abrassives
- Ropes & Tapes
- Measuring & Sounding Tapes
- Adhesives
- Welding & Cutting items
- Hand Tools
- Gaskets
- Hardware items
- Hammer Unions – Standard & Sour Service
- Hoses & Accessories

Heavy Equipment Supplies

We supply all kinds of cranes, compressors & spares.

Drilling, Completion Chemicals & Waiting Agents

- Mud Chemicals
- Well Cement, Bulk
- Thread Compounds
- Bits – Steel Tooth



Our Supply network includes

COMPLETION EQUIPMENT

Crossovers & Subs
Casing Scraper
Bottom Hole Pressure Gauges
Valve, Subsurface Safety (API)

DRILLING, COMPLETION CHEMICALS & WAITING AGENTS

Mud Chemicals
Well Cement, Bulk
Thread Compounds
Bits – Steel Tooth

DRILL PIPE & ACCESSORIES

Drill Pipe
Drill Collars and Anchors
Thread Protectors

DRILLING SPARES

Power System Spares
Hoisting System Spares
Rotating System Spares
Circulating System Spares
Well Control System Spares
Electrical Equip. Spares
Handling Equipment Spares
Instrumentation Spares

ELECTRICAL EQUIPMENT & ACCESSORIES

Generators
Uninterruptible Power supply SYS
Switchgear & Circuit Breakers
Transformers & Transducers
Cable, Connectors & terminations
Switches
Cathodic Protection
Motor Control Centers
Inverters
Conduit & Fittings
Electrical Accessories

DRIVERS SPARES

Engines – Diesel
Motors – Electric
Turbines – Gas
Turbines – Diesel
Turbines – Steam
Perkins Diesel Engine

ENVIRONMENTAL MONITORING & PROTECTION EQUIPMENT

Oil Spill Recovery Systems
Air Quality Monitor Equipment
Waste Disposal Systems
Sewage Treatment Systems

GEOLOGICAL & GEOPHYSICAL EQUIPMENT ITEMS

Recording Equipment Spares
Instrument Spares
Tapes, recording Paper
Misc items / Accessories

HEATING, VENTILATION & A/C SPARES

Air Conditioning sets / Units, Hazardous Area
Chillers
Condenser Units, Hazardous Area
Fans, Hazardous Area

INSTRUMENT / CONTROL / COMMUNICATION EQUIP. & ACCESSORIES

Instrumentation Cable
Fiber Optic Cable
Actuators
Chromatograph
Recorders
Valve, Needle (Instrumentation)
Valve, Relief (Pressure / Vacuum)
PLC – Programmable Logic
Controller Communication Cable & Connectors
Control Valves – Butterfly, Globe, Disc
Gauging – Tank
Gauges – Pressure & temp
Level Switches
Transmitters
Tubing fittings, Instrumentation
Thermocouples

MATERIAL HANDLING EQUIPMENT & ACCESSORIES

Lifting & Conveying Equipment
Mobile Equipment
Pipe racks & supports
Pallets
Metal Containers

MARINE LOADING EQUIPMENT & ACCESSORIES

Mooring systems
Marine Loading Hoses

PIPE FITTINGS & ACCESSORIES

Carbon Steel Pipe
Flanges
Gaskets
Pipe Fittings – all types
Expansion Joints

PROCESS EQUIPMENT & ACCESSORIES

Filters / Strainers
Shell & Tube Heat Exchanger
Refrigeration Vessels
Air Dryers
Pressure Vessels
Steam Generators
Flame Arrestors

PUMPS & EQUIPMENT PARTS

All types of pumps
Sucker Rods

POWER TRANSMISSION PARTS

Gear Boxes
Sheaves & Bushings
Mechanical Couplings, Seals & packing
Bearings
Oil Seals

SECURITY EQUIPMENT / ACCESSORIES

Electronic Surveillance Equip
Locking Devices

VALVES

All types of Valves
Manifolds
Chokes

WELLHEAD EQUIPMENT & ACCESSORIES

Wellhead Fittings
Heads / Spools / Adapters / Bonnets
Seals / Slips / Hangers
Blowout Preventers
Wellhead Spares



Middle East Oilfield Supplies FZE

ELOB Office No. E2 – 122F/51, P.O.Box 49061,
Hamriya Free Zone Sharjah, UAE

Contact office in Dubai :

P.O.Box 234321, #312, Abdulla Fahed 2, Al Qusais, Dubai, UAE

Tel : + 971 4 2512368, Fax : + 971 4 2512369

Email : sales@meosglobal.com, Web : www.meosglobal.com

MUD CHEMICALS

Barite (API13A Grade)



MEOS is a supplier of Barite as per API 13 A specifications. Barite is the most popular weighing material used in drilling applications. MEOS supplies Barite of Specific Gravity 4.2 (as per API requirements), 4.15 and also 4.1 specific gravity .

Advantages:

- It does not react with other drilling fluids or hamper their functioning.
- It is chemically inert and insoluble.

Description:

Barite-4.2 is a high quality drilling grade Barite (Barium Sulphate) weighing material used to increase the density of drilling fluids. It is the most widely used drilling weight material due to its high specific gravity. It meets API 13A requirements.

Physical Properties

BaSo4	90%	Min
Specific Gravity	4.20	Min
Soluble Alkaline Earth Metal / Calcium	250 PPM	Max
Mercury	< 1 PPM	
Cadmium	< 3 PPM	
Mesh Size	97%	200 Mesh
Particle Size	< 6 Microns	25% Max

Packaging:

Barite - 4.2 is packed in 1 MT - 1.5 MT Jumbo Bags. Custom packing is also available for customers.

Safety & Handling:

Barite - 4.2 must be handled as an industrial chemical, wearing protective equipment and observing the precautions as mentioned in the MSDS.

MUD CHEMICALS

Bentonite(API 13 A)



Bentonite is used to increase viscosity and serves as a weighing material for drilling applications. MEOS supplies Sodium Bentonite as per API 13 A section 9 and section 11 .

The various Grades of Bentonite supplied by us are :
Sodium Bentonite as per API 13 A section 9 also known as API grade drilling bentonite.
Sodium Bentonite as per API13 A section 11 also known as OCMA Bentonite.

Advantages:

- It helps improve hole cleaning capacities of drilling fluids.
- It is effective as an filtering agent.
- It can form a thin filter cake with low permeability.
- It promotes bore hole stability.
- It can be added directly to fresh water or fresh water based drilling fluids.

Description:

Premium Grade Sodium Bentonite is used as a primary filter cake building filtration control agent in fresh water mud systems. It is a High Yield Natural Sodium Bentonite as per API 13-A (Section 9) used as a weighing agent and increases viscosity in the oil field applications. It is used in drilling mud for controlling borehole stability and extracting drill cuttings from the bit.

Physical Properties

Viscometer dial reading at 600 Rpm	30. Min.
Syield point/plastic viscosity ratio	3 % Max.
Sfilterate volume	15 CM3 Max.
Residue on 200 mesh 75 micron sieve	4% WT Max.
Moisture	10% Max.

Packaging:

Bentonite is packaged in 1.25 MT /1.0 MT Jumbo bags with inner Liner or 50 Kg/25 Kg HDPE sacks.

Safety & Handling:

Bentonite must be handled as an Industrial chemical, wearing protective equipment and observing the precautions as mentioned in the MSDS.

MUD CHEMICALS

Attapulgite Clay (Salt Water Clay)



Advantages:

- This product features good thermal colloidal and suspending properties, and is suitable to be used as drilling mud under various geological conditions.
- Because of good thermal stability, it shows no flocculation and dilution under high temperature, therefore, it is applicable for deep drilling and terrestrial heat drilling.
- Its salt resistant ability makes it free from being affected by electrolytes, thus it can still be in mud form even in saturated brine. It is appropriate for marine and salty stratum drilling.



Middle East Oilfield Supplies FZE

Uses of Attapulgite Clay

Oil well drilling fluids: The drilling mud circulated through a well serves the primary function of removing bit cuttings from the hole. In addition, it lubricates the bit, prevents hole sloughing, and forms an impervious filter cake on the walls of the hole, thus preventing loss of the fluid to porous formations. Of utmost importance among the characteristics of a clay for a drilling mud is the ability of the clay to build up a suitable viscosity at a relatively low solids level, and to maintain the desired viscosity throughout the drilling of the well.

Bentonite has been widely used for this purpose, but it can be used only with the help of expensive chemical treatments in areas where contaminants such as salt, calcium sulfate, or magnesium sulfate are encountered. Since these contaminants prevent the swelling of bentonite, bentonite is quite ineffective in yielding or maintaining viscosity in their presence. Attapulgite, on the other hand, does not depend on swelling in order to yield viscosity and is quite stable in the presence of these contaminants; it also shows excellent stability under the high temperature conditions encountered in deep drilling in certain areas.

Physical Properties

Properties	Value
Appearance	Powder free from visible impurities
Apparent bulk density (g/cc)	0.84 Gm/cc
Moisture content	10-12 %
Wet screen analysis residue on U.S. sieve no.200	6%
Ph value (10% suspension, filtered)	7.8-8.5
Suspension properties viscometer dial reading at 600ppm	34
Loss on Ignition (pre-dried, 2h, 1.000° C)	6-8 %

Packaging:

The material can be packed in multilayer Paper bags/HDPE bags of 25Kgs, 50 Lbs (22.68 Kgs). Private labelling is provided on request.

Safety & Handling:

The product must be handled as an Industrial chemical, wearing protective equipment and observing the precautions as mentioned in the MSDS.

MUD CHEMICALS

Iron Oxide - Hematite.



HEMATITE is a high-density weighting material. The hematite ore used as a weighting agent in drilling fluids has a mica-like crystal structure ground to a particle size suitable for use in drilling fluids.

Advantages:

- Has a specific gravity of >5.05 , which is 19% greater than the density of BARITE (4.1).
- HEMATITE will contain fewer solids by volume.
- A lower solids concentration will contribute to improved rheological properties, improved penetration rate and decreased overall mud costs.

Ground iron oxide (hematite) with a specific gravity of 5 or above. Owing to its high specific gravity, drilling fluids formulated with Hematite have a lower solids content that frequently contributes to higher ROP compared with barite-weighted fluids. It may be substituted for, or blended with, barite in all types of drilling fluid systems. Hematite is ground and processed to remove impurities before being classified to achieve the desired particle size distribution.

Physical Properties

Parameter	Specification	
% Fe ₂ O ₃	95% Min	Iron
SiO ₂	0.45%	Silica
CaO	0.05%	Calcium
MgO	0.05%	Magnesium
MnO	0.26%	Manganese
Al ₂ O ₃	0.17%	
Density/ Specific Gravity	> 5 g/cc	

Packaging:

Hematite is packed in 1.0MT HDPE bags.

Safety & Handling:

Hematite must be handled as an Industrial chemical, wearing protective equipment and observing the precautions as mentioned in the MSDS.

MUD CHEMICALS

Calcium Carbonate



Calcium carbonate functions as an acid-soluble weighting and bridging agent for drilling and workover/ completion fluids. This high-purity, ground limestone has a specific gravity of approximately 2.8 and can be used to formulate drilling fluids to 14 lbm/galUS.

Types of Calcium Carbonate:
Coarse / Medium / Fine

Advantages:

- Acid Soluble and helps in clean up.
- Effective bridging agent, Inert and relatively insoluble.
- Excellent weighting agent.
- Available in 3 grades: Coarse, Medium and Fine so the most suitable size can be used to suit exact application.

Description:

MEOS Calcium Carbonate is acid soluble grinded product. It is used as a bridging and a weighing agent used in drilling. It is used to increase mud density and is preferred to Barite as it is acid soluble. It is grinded in Coarse, Medium and Fine types. Calcium Carbonate is essentially a bridging and a weighing agent for controlling fluid loss, density and seepage control. It can be used in both oil based and water based fluid systems.

Physical Properties

Parameter	Grade 1	Grade 2	Grade 3
CaO	53.34	50.82	48.02
MgO	0.60	0.61	1.01
Fe ₂ O ₃	0.08	0.11	0.11
Al ₂ O ₃	3.00	0.02	0.02
K ₂ O	0.03	0.01	0.01
Na ₂ O	0.00	0.00	0.00
P ₂ O ₅	0.00	0.00	0.00
TiO ₂	0.00	0.00	0.00
MnO	0.00	0.00	0.00
SiO ₂	3.44	7.91	12.04
LOI	42.52	40.54	38.78

Packaging:

Calcium Carbonate is packed in 50 KG HDPE bags/1.0 Mt jumbo bags. Private labeling and customized packaging is also available on request.

Safety & Handling:

Calcium Carbonate must be handled as an industrial chemical, wearing protective equipment and observing the precautions as mentioned in the MSDS.