Your powerful partner.
Lubricants for land-based and offshore drilling
Challenges call for solutions
Speciality lubricants for the Oil & Gas Industry

The world’s demand for energy continues to grow

With the ever-growing population and the emerging economies around the world, the demand for energy is only expected to grow. Currently over 50% of the world’s energy is produced with oil and gas. The demand for energy is expected to increase by 30% over the next 20 years and the production of oil and gas is expected to keep pace with the demand. Doing this will require continued exploration and drilling.

The oil and gas wells being drilled today are much deeper than those drilled 10 years ago. Rigs are often categorised by their drilling depth capabilities. The deepest category and most active is 6,100 meters (20,000ft) or greater. They do not just drill straight down. They also turn the drill bit and drill on a horizontal path, following the geological pay zone. The technology and equipment continues to improve to enable such a drilling process.

We have Klüber Lubrication products being used on some of the key pieces of drilling equipment used on these rigs. For example the top drive, iron roughnecks and draw works to name a few. These high spec rigs drilling today are running with a much smaller safety factor. It has been noted that the equipment is being pushed to its limit causing excess wear. This situation is making it that much more important to have the best lubrication in the equipment that is considered to be the heart of the rig.

Reliable and robust

We offer tribological solutions which meet your specific requirements in many applications found in the oilfield. The lubricants’ resistance to the environment found in exploration and production is a focus of our Research and Development.

Large investments in equipment and services are common in this industry. The right lubricant choice can have a lasting effect on the life of critical equipment. We currently have a robust product offering and the willingness to develop products specific to your application.

A well-tuned combination of optimal lubricants and single-point lubricators/assist you in meeting the challenges found throughout the oil and gas industry. Our lubricant dispensers are even EX-proof certified according to IP-65.

The Klübermatic, a single-point lubricator, ensures reliable, clean and accurate lubrication 24 hours a day, over many years. Machine availability is safeguarded as there is always fresh lubricant at the friction point. The Klübermatic can also contribute to improved safety and reduced maintenance costs. Longer maintenance intervals mean that the frequency of staff entering hazardous areas is reduced. By utilising Klübermatics in areas that are difficult to access, the risk level of the workplace decreases considerably. The extended maintenance intervals results in improved man/hour utilisation. A positive impact to the bottom line.

High demands - our speciality

As the world market leader in speciality lubricants, we are passionate about tackling the tribological limits of the oil & gas industry.

We are where you are!

Our aim at Klüber Lubrication is to offer you high-quality speciality lubricants and services around the globe along with the high technical competence we are known for. We meet this aim through our worldwide network of production and sales companies, competent dealers and last, but not least, through our highly specialised experts ready to respond to your individual requirements.

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<td>Customised solutions coping with the toughest demands</td>
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Drilling Rig Applications
Land Based Rig

**Crown**
- Klüberlub BE 41-1501

**Top Drive**
- Klüberol GEM 1 N Series
- Klübersynth GEM 4 N Series
- Klüberplex BEM 41-301
- PETAMO GHY 133 N

**Traveling block**
- Klüberlub BE 41-1501

**Draw works**
- Klüberol GEM 1 N Series
- Klübersynth GEM 4 N Series
- Klüberplex BEM 41-301
- PETAMO GHY 133 N
- STRUCTOVIS EHD

**Mud System**
- Klüberol GEM 1 N Series
- Klübersynth GEM 4 N Series
- Klüberplex BEM 41-301
- PETAMO GHY 133 N
- ISOFLEX TOPAS NB 52

**Rough neck**
- Klüberol GEM 1 N Series
- Klübersynth GEM 4 N Series
- Klüberplex BEM 41-301
- PETAMO GHY 133 N
- STABURAGS NBU 30

**Draw works**
- Klüberol GEM 1 N Series
- Klübersynth GEM 4 N Series
- Klüberplex BEM 41-301
- PETAMO GHY 133 N
- STRUCTOVIS EHD

**Drilling applications**
as found in land based drilling

**Cantilever & skidding system**
- Klüberbio AG 39-602

**Cantilever & skidding system**
- Klüberbio AG 39-602

**Deck crane**
- Klüberbio M 72-82

**Thruster**
- Klüberbio EG 1-100
- Klüberbio EG 2-150

**Life boats**
- Klüberbio AG 39-602

**Jacking legs**
- Klüberbio AG 39-602

**Wire rope**
- Klüberbio AG 39-602
## Speciality lubricants for the oil & gas industry

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Klüber Lubrication München SE & Co. KG
Geschenhausenstraße 7
81579 München
Germany
Local first-instance court Munich, Germany
Certificate of registration 46624
Our passion is creating innovative tribological solutions. Through personal support and consultation, we help our customers to be successful, around the globe, in every industry. By utilising complex engineering concepts and experienced, competent employees, we have mastered the growing demand for high-performance, cost-effective special lubricants for over 80 years.