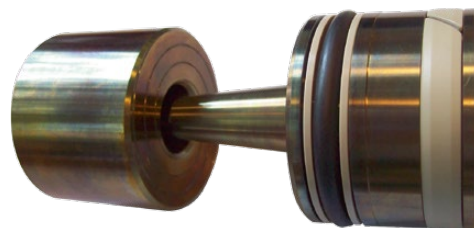


Ceramic Coating



Picture Courtesy of the Petroleum Engineering Department
at the Colorado School of Mines, Golden, CO USA



Fluid Sampling

Absorption of H_2S can result in inaccurate readings of returned samples. Leutert ceramic coating is proven to effectively block this corrosive and dangerous element ensuring sample analysis to be true and errorless.

Description

In acidic environments it is critical to engineer solutions to account for the depreciation of equipment caused by corrosion. Current commercial solutions that address corrosion are specialized alloys, such as Inconel®, Monel® and Hastelloy® - or coatings.

K-Tech Ceramic Coating

A unique range of thermochemical formed ceramic coatings for the prevention of wear and corrosion in a wide variety of industrial applications and for every type of surface.

Tech 12 (Thin Film Ceramic) bonds ceramic with a metal surface by chemically reacting with other oxides produced on that surface.

K-Tech coatings have been uniquely developed for applications in specific industries. Several formulae cover a virtually limitless number of potential applications. They can be applied to most ferrous and some non-ferrous metals.

Coating benefits

- Reliable and accurate sampling of oil and gas streams
- Able to store oil and gas samples for long periods without risk of sample loss
- Reduce sample cost by reducing false or erroneous readings
- Improve sample cylinder durability and corrosion resistance
- Accurate down hole sampling with fast response
- Improve ability to assess and grade well quality
- Prevent refining catalyst damage, sample low level sulfur contamination

