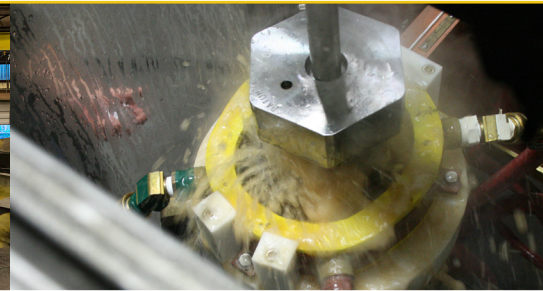


# TENAXOL™ YOUR GLOBAL RESOURCE FOR QUENCH APPLICATIONS



High performance formulated fluids and lubricants for the heat treating world.

## UCON® QUENCHANT A & ULTRA PLUS A

Induction and flame hardening applications of medium and low to medium carbon alloy steels. Furnace applications for steel-integral and external quench systems - where water and fast speed oils would normally be used. The Ultra A Plus includes biocide, rust inhibitors and defoamer. It is a standard in the Aerospace Industry. The best selling polymer quenchant for induction hardening in North America.

## UCON® QUENCHANT E, HT & RL

Induction and flame hardening applications of high carbon and alloy steels. Furnace applications for steel - integral and external quench systems - where medium to slow speed oils would normally be used. Direct forge quenching operations.

## TENAXOL™ QUENCH ULTRA 1500

Is a water solution of organic PEG polymer, corrosion inhibitors, biocide, and anti-foaming agents. Has a normal solubility (thus has less carry out on the parts and less consumption.) The polymer is not tacky and has greater wash ability compared to other synthetic quenchants. It resists breakdown and degradation. It is ideal for intricate component, carbon/alloy steel, cast steel, forged steel, cast iron, ductile/malleable iron. Has an exceptional advantage for induction hardening.

## TENAXOL™ QUENCH ULTRA 2000

Is a water solution of lower molecular weight PVP, corrosion inhibitors, biocide, and anti-foaming agents. It is generally used for lower alloy steels, castings, forgings. It has replaced fast medium quench oils.

## TENAXOL™ QUENCH ULTRA 2500

Is a water solution of higher molecular weight PVP. Being a more viscous polymer it is ideal for replacing medium and slower quench oils. It is generally used for higher alloy steels and all types of metals where the control of distortion is of prime importance.

## ○ HEAT TREAT FLUIDS

- UCON® PAG Polymer Quenchants
- Tenaxol™ PEG and PVP Polymer Quenchants
- Quench Oils, Fast and Medium
- Marquench

## ○ PROCESS & MAINTENANCE CLEANERS

- Aqueous
- Biodegradable and Renewable
- Alkaline to Remove Quench Oils

## ○ CORROSION PREVENTIVES

- Oil Based/Solvent Based/  
Water Based
- VCI (Volatile Corrosion Inhibitors)

## ○ FACILITIES AND SUPPORT

- Aluminum Complex
- Calcium Complex
- Calcium Sulfonate Complex
- Lithium/Lithium Complex

## WORLDWIDE FACILITIES

# CHEMTOOL INDUSTRIAL

The Industrial Group provides our complete product line of specialty fluids and lubricants for all of our customers' manufacturing processes. We provide a "One Source Solution".

## TECHNOLOGY GROUP

The Technology Group is committed to the pursuit of developing innovative products for investment in new markets and to meet our customers' changing needs. This pursuit is conducted in a culture of continuous improvement with respect to quality, safety and the environment.

Each Chemtool Incorporated facility contains fully staffed quality control laboratories that are monitored rigorously to ensure our quality and technical support consistently deliver exemplary results that meet our customers' expectations.

## QUALITY POLICY

Chemtool Incorporated and its employees are committed to provide the best quality product, service and technical support that our customers require and to deliver these in a timely, safe and cost effective manner. We are further committed to continually improve our quality management system, product, processes and level of customer satisfaction.

ISO 9001: 2008

## OUR VISION

The vision of Chemtool is to become the preeminent specialty lubricants, grease and functional fluids solution provider to the global marketplace.

## OUR MISSION

Our mission is to leverage our world class manufacturing, customized packaging capabilities and industry leading technology to create sustainable value for our customers.



Call 815-957-4140 or go to [www.chemtool.com](http://www.chemtool.com)

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