



## Lubricants

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### Typical chemical and physical Properties

**TIMET UCN100** is a versatile additive that works as a base for various types of lubricants, cutting and hydraulic fluids and as an excellent wetting agent for textiles-related applications. At temperatures above 50 deg C, it exhibits remarkable antifoaming properties too.

### Combination of polyalkylene glycols

#### PROPERTIES:

Appearance	Crystal clear liquid
Active content	100 %
Viscosity at 40 °C	1000 mPa.s
Flash Point	> 230 °C
Density	1.00 ± 0.1
pH	7 ± 0.5

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### Applications and typical treat level recommended

**TIMET UCN100** is used either where a solution in water is required or where water absorption is desirable. Water-diluted solutions provide low surface tension, good wetting and penetration characteristics besides exhibiting low foaming properties.

Apply the product in its natural state by aspersion or by dosing pump and adjust the initial dosage according to the requirements.

**TIMET UCN100** may also be distributed with a water dilution system and or with a special metering system for automatic dosing into the system.

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### Benefits

**TIMET UCN100** is a 100% active product and shows excellent performance in the control of foams and maintains flowability of the end product at desired levels (in applications such as paints and coatings).

Aqueous solution of **TIMET UCN100** makes excellent lubricant and heat transfer agent for use in metal cutting processes. Its inverse solubility comes in handy in metalworking fluids making, which means that at temperatures higher than 50 deg C, it becomes separates itself from water and coats the hot metal surface. As the coolant circulates well, the temperature falls when the lubricating element once again becomes water-soluble.

It is very effective at low concentrations and facilitates smoother pump operation, transport.

**TIMET UCN100** leaves no residues in the pipes or valves of the equipment used.

# TIMET UCN100

## Foam Control Agent

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<b>Safety and Handling</b>	Please read Material Safety Data Sheet (MSDS) before handling.
<b>Product Specification</b>	This information is available on request through our local representative.
<b>Packaging</b>	This information is available on request through our local representative.

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**Quality Policy**                      The objective of our quality policy is the continuous fulfillment of the internal and external requirements agreed upon with our partners with regards to everybody's performance.

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**Liabilities**                              *All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply.*

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