

## Tool-X 720

*High Performance Heavy-Duty Tapping Oil For Severe Applications*

### PRODUCT DESCRIPTION

**Tool-X 720** is a high performance low viscosity neat tapping oil with added Tool-X nanotechnology for drilling, gundrilling, boring, and tapping of aluminum, titanium, and ferrous metals. **Tool-X 720** contains a high level of additives including chlorine and active sulfur for exceptional EP lubricity, and esters for high temperature resistance. It's low viscosity allows penetration, high pressure flushing of chips, and it wets out well for optimal lubrication. **Tool-X 720** is formulated for the most challenging and severe applications.

**Tool-X 720** can deliver faster cycle times and feeds and speeds, while extending tool life, improving surface finish and dimensional accuracy on the most demanding applications.

### BENEFITS

#### **Base Formulation**

- High EP lubricity properties
- High level of additives
- Excellent boundary lubrication for extended tool life
- Heavy metal-free formulation
- Low odor
- Suited for high temperature applications

#### **Tool-X Nano-Onions**

- Increased feeds and speeds
- Better dimensional accuracy
- Improved surface finish
- Extended tool life
- Reduced chip sizes
- Lower machining costs

### APPLICATIONS

**Tool-X 720** is formulated for high speed, severe applications. It includes a high level of additives, including chlorine and active sulfur, as well as Tool-X nano-onions, to provide lubricity and boundary layer lubrication in extreme pressure applications. **Tool-X 720** is formulated for heavy-duty drilling, gundrilling, boring, and tapping applications on most metals.

Suitability	Cast Iron	Low-Med Alloyed Steel	High-Alloyed or Stainless Steel	Titanium Alloys	Aluminum Alloys	Yellow Metals
Honing / Super Finishing	√	√	√	√	√	
Boring	√√√	√√√	√√√	√√√	√√√	
Tapping / Drilling	√√√	√√√	√√√	√√√	√√√	
Gundrilling	√√√	√√√	√√√	√√√	√√√	
General Machining	√√	√√	√	√	√√	

## PROPERTIES

	Ester	Chlorine	Active Sulfur	Inactive Sulfur	Phosphorous	Calcium	Zinc
Additives	√	√	√	√	-	-	-

	Appearance	Viscosity	S.G.	Flashpoint
SS-720	dark	Low - 50 SUS @100F	0.91	265 F

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