

Tool-X 710

High Performance Heavy-Duty Cutting Oil For Severe Applications

PRODUCT DESCRIPTION

Tool-X 710 is a high performance medium viscosity neat cutting oil with added Tool-X nanotechnology for heavy-duty machining of ferrous and non-ferrous metals. **Tool-X 710** contains a high level of additives including chlorine and active sulfur for exceptional EP lubricity, and esters for high temperature resistance. **Tool-X 710** is formulated for the most challenging and severe applications.

Tool-X 710 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 710 is formulated for 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 710** is formulated for heavy-duty or severe broaching, grinding, milling, honing, boring and drilling applications.

Suitability	Cast Iron	Low-Med Alloyed Steel	High-Alloyed or Stainless Steel	Titanium Alloys	Aluminum Alloys	Yellow Metals
Honing / Super Finishing	√	√	√√√	√√√	√	
Grinding	√	√	√√√	√√√	√√	
Drilling	√	√	√√√	√√√	√√	
Broaching/Gear Mfgr	√	√	√√√	√√√	√√	
General Machining	√	√	√√	√√	√	

PROPERTIES

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

	Appearance	Viscosity	S.G.	Flashpoint
SS-710	dark	Medium - 120 SUS @100F	1.01	310 F

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