



Innovation in Metalworking Fluids



TapRite™ V Tapping Fluid

Heavy Duty Tapping Fluid

Description

TapRite V is a water-dilutable tapping fluid designed to provide excellent part finishes and tool-life. It can be used to replace both solvent and oil-based tapping fluids without compromising performance, making it an ideal tapping fluid for any machine shop.

Applications

TapRite V can be used in the following, but not limited to, applications.

- Hand tapping
- Threading
- Heavy-duty forming
- External broaching
- Blind hole tapping

Typical Properties

Property	TapRite V
<i>Appearance</i>	Amber Liquid
<i>Odor</i>	Almost odorless
<i>Specific Gravity</i>	1.069
<i>Bulk Density</i>	8.92 lbs/gallon
<i>Refractive Index</i>	1.18
<i>Conversion Factor</i>	

Performance Features and Benefits

- Excellent wetting properties – with a strong affinity for the metal surface, TapRite V flows easily to the workpiece/tool interface.
- Exception flowability – provides ease of handling for the operator as well as allows for the fluid to flow into hard to reach crevices during the cut.
- Heat activated extreme pressure (EP) performance – offers protection of machine tools from breakage during high heat operations and increases tap-life while improving thread quality. EP performance also improves part finish by eliminating chipping and galling.
- Shelf-stable – no shaking or premixing is needed for consistent performance from the first to the last drop.
- Metalworking fluid compatibility – in the rare case that Tap Rite V will be used in applications where it will come into contact with metalworking fluid coolants, it will emulsify into the coolant without causing complications.
- Water dilutable – useful across a broad range of operations due to the ability to dial-in specific viscosities and concentration requirements for each application.

Directions for Use

TapRite V is ready to use as received or can be diluted with water to the desired viscosity/performance required for specific operations. TapRite V can be applied directly to the point cut from the bottle or via brush, spray, or roller. Aluminum stain testing should be conducted prior to machining more exotic alloys to ensure compatibility.

Consult product SDS for complete product safety information.