



TECHNICAL DATA SHEET

NEW RAPID TAP®

Description:

Relton's NEW Rapid Tap is a transparent, chemically-active, all purpose cutting oil designed to optimize tool life, machine speed, and surface finish in a broad range of machining operations on a wide variety of metals. NEW Rapid Tap is formulated from the highest-quality oils and features a unique balance of organic compounds of EP agents and fatty additives. In addition, NEW Rapid Tap contains a mist suppressant to minimize fogging and stray mist in the workplace. The base oils from which NEW Rapid Tap is made have low pour points which facilitate handling when these products are stored at low temperatures. The high flash point ensures a low degree of smoking in higher-temperature operations.

Typical Uses:

- Recommended for most machining operations, e.g. drilling, milling, threading, broaching, boring, turning, tapping, engraving, reaming and sawing
- Recommended for moderate to severe machining operations on a variety of metals from relatively-easy to most-difficult-to-machine, e.g. mild steel to stainless
- Recommended for high-speed automatic screw machines and lathe work

Typical Inspections:

API Gravity, @ 60° F:	9.3
Specific Gravity, g/cc, 60° F:	1.005
Pounds per gallon:	8.37
Viscosity @ 40° C, cst:	27.3
Flash Point, COC, °F:	450
Pour Point, ° C:	-25
VOC:	nil
Appearance/form:	clear-liquid
Color, ASTM:	2.0

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Features:

- contains anti-mist agent to reduce oil mist in work place
- increases production rates and extends tool life
- contains EP agents for anti-weld protection
- simplifies inventory as a multi-purpose cutting fluid
- provides excellent boundary lubrication
- has excellent wetting properties
- has extremely stable coefficient of friction over a wide range of temperatures
- is non-foaming
- is non-gumming
- provides excellent rust and corrosion protection of machines and machine parts

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