

Supplier - SMART OIL  
**SmartTap STH**  
*Reinforced Tapping Package*  
*Tapping Oil Packages*

### Typical Properties

Appearance	Yellow to Amber Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	100 - 300
Sulfur Content , %wt	< 8
Fat content, %wt	> 40
Flash Point C.O.C., °C	> 110

\*4 Ball Wear Test;100% SmartTap STH, Server Motor Speeds reach 1500rpm (P<sub>B</sub>) and 1760rpm (P<sub>D</sub>) in 0.03sec.

### Product Description

**SMARTTAP STH** is chlorine free, reinforced tapping package designed for use in heavy-duty operation such as tapping, turning, threading and drilling. It can be used in severe operations to on difficult-to-machine stainless steels, alloy steels, high tensile steels, and other extremely hard steel metals.

**SMARTTAP STH** contains various multifunctional phosphorus, sulfurized, synthetic esters, and fatty lubricant with superior wetting property, which can elevate the product precision and shininess. Besides, it can lower operation loading, reduce tool wear and prolong machine operating life.

#### SMARTTAP STH ADVANTAGES:

- Peculiar EP agent□
- Good resistance to wear and seizure, so prolongs tool life□
- Can be used directly or diluted with mineral oil before use□
- Improves surface finishing of the workpieces, and work precision;
- Low smell or smoke during operation.□

#### **Applications**

General Application

#### **Suggested Treat Rates, %wt**

2 - 12

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