

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_B) and 1760rpm (P_D) 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

Print date: 23-06-26

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.