



## Hytap Family

Tapping fluids for all applications

### Good Material Compatibility

Compatible with materials ranging from cast iron, aluminum, to titanium

### Excellent Cleaning

All of the Hytap products emulsify into water for easy clean up

### Versatility

With viscosities ranging from a 12 cSt to a paste we can cover many needs

### Low Residue Behavior

Rinses off of parts easily, allowing for easier cleaning

### Excellent Lubricity

Provides excellent tapping lubricity due to effective EP additives

### Environmentally Friendly

Made with renewable natural resources to make for a safer environment

### Chlorine Free

Creating a safer work environment for your employees

### Extend Sump Life

Hytap tapping fluids won't contaminate coolants like typical tapping fluids

## Description

The HYTAP family of products offers a unique combination of lubricity providing EP additives, without chlorine, and the ability to be washed off easily with water.

The HYTAP family also offers all of the lubricity needed for even the harshest tapping applications while still being based on a renewable ester oil source. This naturally renewable resource has great machining capabilities while being environmentally friendly making a better work place for your employees.

The HYTAP family comes in multiple viscosities to offer a wide range of application uses.

The HYTAP 12 is a 12 cSt fluid and is designed for small diameter holes where thicker tapping fluids may not get deep into the holes due to trapped air.

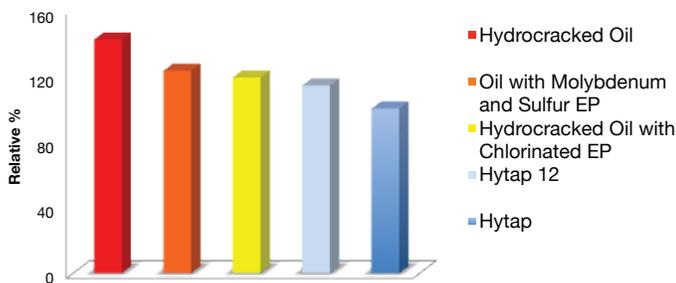
The standard HYTAP is a 220 cSt fluid for larger hole sizes, harder materials and horizontal holes where a thinner tapping fluid may run out of a the hole.

The HYTAP Paste is a cream for applications where applying the tapping fluid to the tool makes more sense than applying it to the part.

The HYTAP family of products can meet all of your tapping fluid needs, no matter the material or part, see what it can do for you.

**Oemeta - metalworking coolants from specialists for specialists.**

## Tapping Torque Test



A Tapping Torque Test is done by drilling multiple holes in a material then tapping them while changing one variable at a time and measuring the change in the force, or torque, that is needed.

In our test we keep everything the same except the tapping fluid, allowing us to measure the relative lubricity between the products being tested. The lower the amount of force needed to make the tapped hole the better the lubricity.

As you can see the Hytap and even the Hytap 12 outperformed all the other tested fluids.

## USDA Certification



Another thing that drives Oemeta is our feeling of responsibility to the environment and the health and safety of the people who use our products.

We want you to be able to machine better and to be able to do it without risk to your health or the world around you. This is why the USDA Biobased product label that we have on many of our products means so much to us. It is a symbol of our dedication to that focus.

This combined with the Tapping Torque Test shows that you don't have to make a choice between superior machining and your health.