

# TechKool FT 3010

## DESCRIPTION:

**TechKool FT3010** is a next-generation, versatile, heavy-duty, semi-synthetic coolant for machining and grinding in a wide range of applications, ranging from light to heavy duty. This formula was benchmarked against the top performing machining fluids in the industry, providing the lubrication and corrosion protection of a soluble oil, with the cleanliness & biostability of a synthetic. While providing outstanding protecting against ferrous corrosion, FT 3010 is also compatible with pure, as well as alloys of aluminum, brass, copper, & galvanized steels. This product has an outstanding foam profile, even in high pressure systems, and will not degrade the seals or attack the plexiglass of machining centers. These features make **Techkool FT 3010** a versatile workhorse across applications.

## TYPICAL PROPERTIES (NOT SPECIFICATIONS):

Appearance	Dark Green
Appearance (working range)	Light Green
Refractive Index (Brix) factor	1.22
pH (operating range)	9.5 - 10.5
Density	8.26 g/ml

## FEATURES / BENEFITS:

- Metals: ferrous and non-ferrous metals, including high- or low-carbon steels, alloy steels, cast iron, nodular iron and gray iron, stainless steel, including automotive and aerospace grade aluminum alloys, titanium and exotic alloys
- Processes: Turning, Milling, and Grinding
- Enhanced biological control
- In-process protection of machinery and parts
- Low treatment costs
- Excellent corrosion protection
- Waste treatable

## MIX / APPLICATION & USE:

Always add FT 3010 concentrate to the water and stir until uniformly mixed. Use premixed coolant as makeup to maintain performance. The makeup selected should balance the water evaporation rate with the coolant carryout rate. A qualified Fortech representative will work with your team to help achieve the most beneficial charge and makeup concentrations for your operation.

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### **HEALTH & SAFETY:**

**TechKool FT3010** is available at our Brighton, Michigan facility in 5 gallon pails, 55 gallon drums, and 330 gallon totes.

**Storage And Handling:** See Safety Data Sheet Before Use. Use at room temperature. Store at temperatures between 45° - 90°F. Do not expose to extreme high temperature due to container rupture. Do not pressurize drum or reuse empty container. Follow all safety regulations on label.

**Non-Warranty:** While the information and recommendations sent forth herein are believed to be accurate as of the date thereof, Fortech Products, Inc. makes no warranty with respect thereto and disclaims all liability for reliance therein.

**Last Updated: 10/7/2020**