


# TechKool FT 4001 Heavy-Duty Synthetic Coolant

## DESCRIPTION:

**TechKool FT4001** is a heavy-duty, synthetic cutting fluid that is optimal for machining and grinding of ferrous and non-ferrous alloys. A bio-stable coolant, this product combines excellent rust protection with low foaming characteristics and long sump life. It was formulated to reject tramp oil that can cause smoking or misting and premature spoilage of coolant. This oil-rejecting fluid offers the necessary cooling properties for high speed operations.

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## TYPICAL PROPERTIES (NOT SPECIFICATIONS):

Appearance (concentrate)	Clear Blue
Appearance (working range)	Clear Light Blue
Refractive Index (BRIX) Factor:	2.5
pH (concentrate)	9.62
pH (operating range)	9.5-10.5
Density (lbs/gal):	8.5
Volatile Organic Compounds (VOCs)	2%

## FEATURES / BENEFITS:

- Metals: ferrous, non-ferrous and high strength alloys
- Processes: heavy-Duty: machining, grinding
- Increased tool life
- Improved surface finish
- Low foaming
- Rejects tramp oil
- Long sump life
- Lowered maintenance cost
- Excellent corrosion protection
- Clean-running

## MIX / APPLICATION & USE:

Always add TechKool FT 4001 concentrate to the water and stir until uniformly mixed. Use premixed coolant as makeup to maintain performance. The makeup you select 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 initial charge and make-up concentrations for your operation.

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## **HEALTH & SAFETY:**

**TechKool FT4001** is available at our Brighton, Michigan facility in 55-gallon drums, 330 gallon totes and 5 gallon pails.

**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: 4/19/2020**