



Syn-Tek Synthetic Coolants

Dyna-Plex 21C® Syn-Tek Synthetic Coolants are oil-free metalworking fluids that form clear, light-yellow solutions when mixed with water. All products in the series reject tramp oil and possess excellent lubricity, extreme pressure, and rust protection qualities. Dyna-Plex 21C Syn-Tek Synthetic Coolants are hard-water stable, low-misting, and will not form hard or tacky residues on machine surfaces.

Dyna-Plex 21C Syn-Tek 505 is a general-purpose synthetic coolant for grinding ferrous metals. The refractometer multiplier for this fluid is 2.6.

Dyna-Plex 21C Syn-Tek 525 is a heavy-duty synthetic coolant intended primarily for grinding ferrous metals. Its enhanced lubricity and extreme pressure characteristics allow it to perform effectively in a variety of machining applications on carbon, alloy, and stainless steels. The refractometer multiplier for this fluid is 2.4.

Dyna-Plex 21C Syn-Tek 535 is a heavy-duty synthetic coolant with low cobalt-leaching qualities. It is intended primarily for machining and grinding carbide. The refractometer multiplier for this fluid is 2.8.

Fluid Maintenance:

Check the coolant concentration daily. Use at 5% – 10% for machining and 3% – 5% for grinding applications. Remove tramp oil and consult the SDS prior to use.

<u>PROPERTY</u>	<u>SYN-TEK 505</u>	<u>SYN-TEK 525</u>	<u>SYN-TEK 535</u>
Appearance	Light Brown	Clear Yellow	Clear Amber
Specific Gravity	1.02	1.03	1.02
pH (5%)	9.5	9.0	8.5