



Diamond Cut 514 Soluble Oil

Dyna-Plex 21C® Diamond Cut 514 is a water-dilutable metalworking fluid with high oil content and a balanced additive blend. It is boron and chlorine free and exhibits excellent cooling, lubricity, and extreme pressure characteristics. Diamond Cut 514 is formulated to provide a high level of biostability, limiting microbial growth and ensuring long service life. It is recommended for difficult machining applications on ferrous and non-ferrous metals. Diamond Cut 514 is extremely stable in hard or soft water, provides effective in-process rust protection, and is non-foaming in high pressure systems.

Fluid Maintenance:

The refractometer multiplier for Diamond Cut 514 is 1.0. Check concentration daily. Use at 5% – 10% for machining and 3% – 5% for general-purpose grinding applications. Use tramp oil separators for best results and consult the SDS before use.

<u>PROPERTY</u>	<u>TEST SPECIFICATIONS</u>
Appearance	Light Amber Liquid
Specific Gravity	0.96
Viscosity @ 40°C, (cSt)	Not available
Flash Point (COC), °F	320°F
ph (5%)	9.5