

# CIMVANTAGE<sup>®</sup> CSS-NR3



## DESCRIPTION

CIMVANTAGE CSS-NR3 is an economical semi-synthetic metalworking fluid.

## APPLICATION

CIMVANTAGE CSS -NR3 was developed for use on ferrous and most non-ferrous materials, including some yellow metals. It can be used on mild steels, stainless steels, hardened steels, and exotic materials. It should not be used on magnesium alloys.

## FEATURES & BENEFITS

- For use in light to moderate duty machining and grinding applications, such as milling, drilling, turning, and surface grinding.
- A good choice for individual machine applications, where mixes tend to become more concentrated than recommended.
- The oily residue keeps machine tools and work-piece materials clean.
- Has good rancidity control if product concentration is properly maintained
- Is a low cost semi-synthetic that offers good foam control and good corrosion protection.

## RECOMMENDED STARTING DILUTIONS:

CIMVANTAGE CSS-NR3 is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55 F (13 C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL<sup>®</sup> District Manager.

- Machining and Grinding: 8% to 12% (2.3 – 3.5 on the refractometer scale)
- Refractometer Factor: 3.4
- 5% Mix pH is typically 8.7

## SAFETY DATA SHEET:

Available at [www.cimcool.com](http://www.cimcool.com)

For additional information refer to its OSHA SDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL<sup>®</sup> Technical Services at 1-888-CIMCOOL.

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