

SYNKAD 828
Carboxylic Acid Complex
Corrosion Inhibitor

Synkad 828 is a water soluble, carboxylic acid condensate rust inhibitor for ferrous metals. **Synkad 828** is designed for synthetic and semi-synthetic drawing and stamping, grinding, high water-based hydraulic fluids, metal short term storage operations.

Synkad 828 provides corrosion inhibition with very low foaming and good hard water stability (does not form lime soap precipitate in hard water) in synthetic and semi-synthetic cutting, grinding and forming fluids at approximately 10-15%.

Synkad 828 should be stored in the original container or bulk storage tank at 40°-100°F. If frozen, it will reconstitute upon heating at 40°F without mixing.

TYPICAL PROPERTIES

Property	Result
Appearance	Yellow-Orange Liquid
Specific Gravity @ 77°F	1.11
Density, lb/gal	9.25
pH Value, 1% in water	8.7
Viscosity @ 100°F, SUS (40°C, cSt)	215 (43)
Acid Value, meqKOH/g	155
Pour Point, °F (°C)	<-29 (<-34)
Color, Gardner	14
Base Value, mgKOH/g. eq.	250

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