

SYNKAD 204
Boramide
Corrosion Inhibitor

Synkad 204 is a water soluble, boramide corrosion inhibitor for use in synthetic and semi-synthetic metalworking fluids. **Synkad 204** inhibits rust on ferrous alloys without foaming or forming hard water soaps.

Synkad 204 is formulated into water soluble synthetic and semi-synthetic metalworking fluids to provide corrosion protection to ferrous metals. In addition, the presence of boron in **Synkad 204** may aid in the inhibition of growth of bacteria. The following information represents typical starting point formulations guidelines:

	<u>% Weight</u>
Synthetic	3-10
Semi-Synthetic	5-20

TYPICAL PROPERTIES

Property	Result
Boron, %	4.1
Specific gravity @ 25°C	1.19
Density, lb/gal	9.9
pH Value, 1% in water	9.6
Viscosity @ 100°F, SUS (40°C, cSt)	4,400 (900)
Acid Value, mgKOH/g	Nil
Pour Point, °F (°C)	40 (4)
Color, ASTM	1.5
Base Value, mgKOH/g. eq.	370

Synkad 204 should be stored in the original container or bulk storage tank at 60°-90°F. If frozen, it will reconstitute upon heating at 80°-100°F without mixing. Blending should not exceed 100°F.

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