



Focus RP 45C

Metalworking Fluid Additive – Corrosion Inhibitor

Product Description

Focus RP 45C is a low foaming, water-soluble corrosion inhibitor for use on cast iron and steel alloys. It has exceptional hard water stability, is based on organic acids and is neutralized with amines. Designed for use in water-based synthetic metalworking fluids, water-based hydraulic fluids and cleaners, **Focus RP 45C** is compatible with most synthetic water-based metalworking additives, like polyalkylene glycols, surfactants, pH builders, etc.

Applications

Treat rates of **Focus RP 45C** in finished synthetic fluids range from 10% to 20%, depending on the particular machining operations and dilution rates of the finished fluid in water. **Focus RP 45C** is used for short term storage after machining of the parts. Final application of **Focus RP 45C** ranges from 0.5% to 1.0%, depending on the length of storage and the storage environment of the machined part. When the water evaporates, a thin liquid film remains, providing rust protection to ferrous metals. The finished fluids must have a pH above 8.0.

Benefits

- Soft film, easily washed off
- Excellent hard water stability
- Burns off cleanly for high temperature processing operations
- Soluble in water, water-soluble alcohols and glycols
- Biodegradable
- Low foaming
- Boron-free

Typical Properties

Feature	Data
Appearance	Clear amber liquid
Specific gravity @ 25°C	1.125
Pounds/gallon	9.4
1% pH in DI water	8.4
Acid value (mg KOH/g)	40
Viscosity @ 40°C (cSt)	52

Packaging

Packaging	Description	Net Wt.
Drums	55 gallon non-returnable	500 lbs.
Totes	275 gallon non-returnable	1,250 lbs.

Registration

USA	TSCA
Canada	DSL
Europe	EINECS

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