

# Focus Polysyn 100

## PRODUCT DESCRIPTION

**Focus Polysyn 100** is a water-dispersible metalworking additive, designed for use in water emulsions and semi-synthetic fluids. The products is derived primarily from vegetable oil and provides outstanding lubrication properties.

## BENEFITS

- Low foaming
- Water-dispersible. Makes a clear solution in water when neutralized
- Functions as a low foaming lubricity additive for water-based fluids
- Produced with acid value – able to neutralize with a wide variety of alkaline sources
- Acts as a co-emulsifier for low-foaming semi-synthetic fluids and soluble oils when neutralized
- Imparts exceptional lubrication properties for soluble oils, micro-emulsions and synthetics
- Hard water-stable (up to 3,000 ppm hardness)
- Produced from renewable resource
- Non-staining on non-ferrous metals

## TYPICAL PROPERTIES

Feature	Unit	Standard Value
Appearance @ 25 °C	-	Clear amber viscous liquid
Specific gravity @ 25 °C	-	1.0
Acid value	mg KOH/g	30
1% pH in DI water	-	4.7
Viscosity @ 40 °C	cSt	600
Color	Gardner	6
Falex pin and vee block, 2% neutralized in water	-	4500/32

## PACKAGING

Packaging	Description	Net Weight
Drums	55 gallon non-returnable	435 lbs
Totes	275 gallon non-returnable	2,175 lbs

## HANDLING, SAFETY, HEALTH AND ENVIRONMENT

See safety data sheet

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