



## Focus Base 19

### *Soluble Oil Emulsifier*

#### Product Description

**Focus Base 19** is a high performance soluble oil emulsifier base package designed for use in naphthenic oils. It can be used to formulate both soluble oils and semi-synthetic metalworking fluids. **Focus Base 19** is formulated with a sodium sulfonate/succinic anhydride primary emulsion system and gives improved hard water stability and good rust protection with cleanliness. It helps prevent soap and sludge build-up in sumps, reducing corrosion and microbiological problems.

**Focus Base 19** does not contain chlorine, free sulfur, nitrites, phenols or heavy metals.

#### Applications

- Treat rates of 15% - 20% are used to make soluble oils, depending on the strength of the emulsion needed.
- Can be used in paraffinic oils with minor adjustment (.25 - .5% in soluble oil) of tall oil fatty acid.
- When formulated with Amide 5 and coupling aids, high/low oil semi-synthetics can be produced.
- Soluble oils using Focus Base 19 will readily accept chlorine based additives.

#### Benefits

- Improved hard water stability
- Good rust protection
- No soap and sludge build-up

#### Typical Properties

Feature	Data
Appearance	Brown amber liquid
Specific gravity @ 25°C	0.9910
Total acid value (mgKOH/g)	18
5% pH in DI water	9.05
Color (Gardner)	13.5
Viscosity @ 40°C, CST	300
Clarity	Clear @ 65°F

#### Packaging

Packaging	Description	Net Wt.
Drums	55 gallon non-returnable	435 lb.
Totes	275 gallon non-returnable	2175 lb.

#### Registration

USA	TSCA
Canada	DSL
Europe	Unknown

NOTE: All statements, information, and data that are given in this bulletin are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied on our part. Because we have no control over the matter in which our products may be used, we cannot be responsible for the results in customers' processes.