



## 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** provides excellent emulsion stability and rust protection. **Focus Base 19** is compatible with chlorinated paraffins, sulfurized products and esters used to formulate heavy duty soluble oils.

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

#### Performance Features

- 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.

#### Typical Properties

| Feature                    | Data               |
|----------------------------|--------------------|
| Appearance                 | Brown/amber liquid |
| Specific gravity @ 25°C    | 1.00               |
| Total acid value (mgKOH/g) | 32                 |
| 1% pH in DI water          | 8.7                |
| Viscosity @ 40°C, cSt      | 275                |

#### 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 |

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