

## Focus Polysurf™ Semi Base 25

### PRODUCT DESCRIPTION

**Focus Polysurf™ Semi Base 25** produces an excellent general purpose semi-synthetic fluid when diluted with water by the formulator. **Focus Polysurf™ Semi Base 25** has exceptional wetting properties and is formulated with corrosion inhibitor and lubricity additives. It is designed to be diluted at a ratio of 30/40% base to 70/60% low hardness water. **Focus Polysurf™ Semi Base 25** does not contain biocides, but it is compatible with most standard biocides. Depending on the biocide, a slight adjustment with oleic acid may be required.

### APPLICATIONS

To formulate heavy-duty semi-synthetic fluids, add 3% to 5% **Focus Ester PA 50**, **Focus Ester PA 125** or **Focus Ester OE 1505** to the concentrate prior to the addition of water. A small addition of amine or oleic acid may be required to stabilize the finished fluid.

**Focus Polysurf™ Semi Base 25** can be used to formulate soluble oils by adding 15% base to naphthenic base stocks. Slight adjustments may be needed with either amine or oleic acid to stabilize the emulsion.

### BENEFITS

- Excellent rust protection and lubrication
- Designed for ferrous and non-ferrous operations
- Can be used for most machining operations
- Does not contain chlorine, phosphorous or sulfur

### TYPICAL PROPERTIES

Feature	Data
Appearance	Clear amber liquid
Specific gravity @ 25 °C	0.96
Total acid value (mg KOH/g)	40
5 % pH in DI water	9.0
Viscosity @ 40 °C (cSt)	140
Color (Gardner)	6

### PACKAGING

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

### REGISTRATION

USA	TSCA
Canada	DSL

### HANDLING, SAFETY, HEALTH AND ENVIRONMENT

See safety data sheet

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