

Focus Base PS 12

PRODUCT DESCRIPTION

Soluble oil emulsifier base package

Focus Base PS 12 is a cost effective, soluble oil emulsifier base package designed for use in both naphthenic and paraffinic oils. It can be used to formulate both soluble oils and semi-synthetic metalworking fluids. **Focus Base PS 12** is formulated with a sodium sulfonate/succinic anhydride primary emulsion system and gives improved hard water stability and good rust protection with cleanliness. It assists in the prevention of soap and sludge build-up in sumps, reducing corrosion and microbiological problems. **Focus Base PS12** does not contain chlorine, free sulfur, nitrites, phenols or heavy metals.

PERFORMANCE FEATURES

- Treat rates of 12% to 15% are suggested to make soluble oils, depending on the strength of the emulsion needed.
- When formulated with **Focus Amide 5**, **Focus Ester OE 1505** and coupling aids, high/low oil semi-synthetic fluids can be formulated.
- Soluble oils using **Focus Base PS 12** will readily accept chlorine-based additives.
- Chlorine/sulfur/phosphorus-free heavy duty, high performance soluble oils can be formulated with the addition **Focus Ester PA 50**, **Focus Ester PA 117** or **Focus Ester PA 125**.

TYPICAL PROPERTIES

Feature	Unit	Standard Value
Appearance @ 25 °C	-	Amber liquid
Specific gravity @ 25 °C	-	0.99
Acid number	mg KOH/g	43
pH, 5% in DI water	-	9.2
Viscosity @ 40 °C	cSt	500

Remarks:

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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