

Product Information

A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.



Valvoline Soluble Oil

Description

Valvoline Soluble Oil is a general-purpose, low cost cutting oil recommended for milling, turning, sawing and drilling of easily machined metals. Oil is readily soluble in water and renders an opaque milky emulsion.



Recommended Dilutions

Used at 10:1 to 20:1 depending on severity of operation, and for less severe grinding operations where it is employed at lower concentrations.

Advantages

- Covers a wide range of metalworking operations.
- For use on ferrous and non-ferrous materials, giving improved surface finish.
- Gives good cooling at optimum economy.
- Good stability in most municipal waters.
- Formulated with effective corrosion and rust inhibitors.
- Emulsifies readily in hard or soft water.
- A cresylic acid emulsifier system with the inclusion of bactericide.
- Non-staining.

Properties

Test

Density @ 20°C
Type
PH (10% dilution in water)
Flash Point C.O.C. °C

Typical Property

0.933
Forms Milky Emulsions
9.9
140

NOTE: When preparing emulsions always add Valvoline Soluble Oil to the measured quantity of water with agitation not vice versa. Good Housekeeping and Finished Emulsion Maintenance practices must be ensured to give acceptable cutting fluid service life.

This information only applies to products manufactured in the following location(s): South Africa

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