

PRODUCT INFORMATION



A Product of Valvoline Cummins Ltd.

Valvoline Soluble Cutting Oil

PRODUCT DESCRIPTION

Valvoline Soluble Cutting Oil is blended from selective mineral base oils, emulsifier and high performance additives to provide a stable well dispersed milky emulsion with water. It is designed to perform well and foam stable emulsion in hard water. The emulsion formed is homogenous and does not split during usage on routine machine shut-downs, under normal conditions.

Valvoline Soluble Cutting Oil imparts anti-rust and anti-corrosion properties to the emulsion. The suitable biocide incorporated prevents bacterial growth in the emulsion.

Always add oil to water not vice-versa

APPLICATIONS

Valvoline Soluble Cutting Oil is recommended for variety of cutting operations on ferrous and non-ferrous metals. It gives extended tool life and finish in all cutting operations where cooling is more important than lubrication.

Recommended dilution ranges are :-

1: 20	Milling, drilling, turning & sawing
1:10 to 1:20	Sawing, tapping & reaming.
1:40	Centreless Surface grinding.

PERFORMANCE STANDARDS

IS 1115: 1986

PERFORMANCE BENEFITS

- Prolonged tool life, excellent surface finish, superior cooling and lubricating properties.
- Provides long-lasting stable emulsions.
- Protection of work piece, machine components & tool material from rust & corrosion.

TYPICAL CHARACTERISTICS

Appearance	Clear & Bright
Kinematic Viscosity, @ 40°C cSt	18.25
Flash Point, COC, °C	168
Cast Iron Corrosion	Pass
Emulsion & frothing test	Pass
Thermal Stability Test	Pass
Emulsion Stability in hard water	Pass

Available Packs: 20, 210 Ltrs.

9/2008



Valvoline Cummins Ltd.
A Joint Venture Company of
Valvoline International Inc., USA
& Cummins Diesel Sales and Service (India) Ltd.
52, Okhla Industrial Estate, Phase III, New Delhi – 110 020
Phone: (011) 41613444 – 48, Fax: (011) 41613453
Visit us at: www.valvolinecummins.com

