



TECHNICAL INFORMATION SHEET

ESCORT - 100 COOLANTS

LUBRICANT/COOLANT – CUTTING OIL (WATER BASED)

ESCORT - 100 COOLANTS is a conventional type soluble oil producing a milky white emulsion. The coupler is of the non-volatile, stabilizer type, producing an emulsion that will not separate, decompose or evaporate. It will not gum or cause rust. It is noted for its non-foaming features, making it suitable for grinding and cutting operation. It processes a maximum of lubricating and cooling properties and has good heat radiating qualities which are important factory as they permit higher operating speeds resulting in increased too life and production.

Typical recommended dilutions with water :

Grinding Sawing	20 to 40 : 1
Turning & Boring	10 to 20 : 1
Milling Reaming & Broaching	5 to 10 : 1

Typical Characteristics :

Viscosity @ 100°F., SUS/cST	: 215 / 46
Flash Point °F./°C.	: 325 / 163
Fire Point °F./°C.	: 350 / 177
API Gravity	: 24.0
Sulfur	: Yes
Chlorine	: No
Synthetic	: No
Fatty Material	: Yes
Color	: L-2.0

Metal Stamping Operations :

ESCORT - 100 COOLANTS is suitable for light duty stamping operations. Suggested mixture : 1:3 to 1:10 based upon the results obtained from the mixture.

