

Ultra Cut 700

General Purpose Water-Soluble Cutting Fluid

Maxpro1 UltraCut 700 is a water-soluble fluid that mixes readily with water to form a dense milky emulsion of high lubrication and anti-corrosion properties. It is suitable for a wide range of metalworking applications, and is recommended for a variety of ferrous and non-ferrous materials.

For stable emulsion, oil should be added to water. **UltraCut 700** is usually used at 5 to 10% dilution depending on the severity of operations and type of materials involved. Typical ratios recommended are as follows:

Product	ULTRA CUT 700
Product Code	6303
Operations	Ratio, Parts Oil to Water
Grinding	1: 40 - 60
Cutting	
-- Light Cut	1: 30 - 40
-- Turret lathe, screw machining, milling and drilling	1:20
Broaching, threading, gear cutting	1:10
General machining – non-ferrous materials	1: 20 - 30
General machining -- ferrous materials	1:20



FEATURES AND BENEFITS

- Stable emulsion in both soft and hard water
- Low foaming tendency
- Superior corrosion inhibition properties
- Outstanding cooling feature
- Versatile oil for multiple applications and metals

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Ultra Cut 700

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APPLICATIONS & FEATURES

Light machining such as drilling, planing, milling, sawing and turning operations on a variety of carbon and alloy steels ranging from soft to medium hardness, particularly where carbide tip tooling is being used. Recommended for grinding operations where very clean emulsions are typically required to permit rapid settling of fines.

Available Size & Part Number

Product	18L	200L
ULTRA CUT 700	6303-18	6303-200



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