



**COOLANT
CONTROL** INC.

The right chemistry...

...the right solution

Product Bulletin

Durasol MS

Premium Biostable Semi-synthetic

Description

Durasol MS is a *universal* high performance biostable semisynthetic developed for the machining of magnesium and its alloys as well as both hard and soft aluminum alloys. New multifunctional technology results in a very clean running, low foaming, and highly enhanced lubrication without chlorine product.

Performance Benefits

- Excellent machining performance on magnesium and aluminum alloys in difficult operation such as roll form tapping, Mapal reaming, gun drilling, and deep hole boring.
- Biostable formula resists bacterial contamination preventing rancidity and extending coolant life.
- Excellent corrosion protection protects machine tools and parts.
- Stable in 2000 ppM hardness
- Long sump life in central systems reduce overall costs.

Recommended Applications

Application	Concentration
Grinding	4% to 5%
Machining	8% to 10%

Typical Characteristics

Appearance	Clear to slightly hazy amber liquid
Specific Gravity @72F	0.940 to 0.970
pH (5% in water)	8.5 to 9.0
pH (neat material)	8.75 to 9.25
Refractive Index Factor	1.0