



PRODUCT DESCRIPTION

DRYDENE VERSOLMAG™ XE is a non-chlorinated, soluble oil designed to deliver superior emulsion stability in demanding machining applications of magnesium, aluminum, aluminum alloys and ferrous metals. The biostable formula contains specialized additives to prevent product contamination as well as improve emulsion stability when used with very hard water.

PRODUCT APPLICATION

DRYDENE VERSOLMAG XE is a versatile metalworking fluid that provides excellent wetting and cooling properties for cutting, sawing, turning, grinding, milling and other general machining processes of the following metal types:

- Magnesium*
- Aluminum
- Aluminum castings
- Polished aluminum
- Ferrous metals

* - Many magnesium machining operations require a minimum of 8% to properly coat chips in order to reduce the chance of fire

General machining, sawing, tapping, reaming	10:1 / 20:1
Drilling, milling, turning	10:1 / 40:1

FEATURES AND BENEFITS

DRYDENE VERSOLMAG XE exhibits exceptional emulsion centrifuge stability up to 15,000 RPM at 500ppm calcium hardness and maintains its ability to protect surfaces from corrosion.

- Biostable formula is resistant to chemical degradation and not additive dependent even during prolonged storage periods
- Maintains fluidity during heavy use and will not gum up or foul ways and tool holders
- Effective control of built-up edge in turning operations which helps extend tool life and improve surface finishes
- Non-irritating/Non-toxic formula (when used as intended) makes Versolmag XE safe and mild for machine operators



TYPICAL TECHNICAL PROPERTIES



PROPERTY	TEST METHOD	VERSOLMAG XE
Color	Visual	Light straw
Appearance	Visual	Clear liquid
Odor	Physical	Characteristic
Viscosity @ 40°C, cSt	ASTM D445	45 (minimum)
Specific Gravity @ 60°F	ASTM D891	0.928
pH @ 10%	ASTM D1172	9.2
Chlorine	ASTM D5185	none
Sulfur	ASTM D5185	none

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.DRYDENE.com Rev (0422-01)