

DRYDENE VERSOLSYN™ PRIME

SYNTHETIC MACHINING COOLANT



PRODUCT DESCRIPTION

DRYDENE VERSOLSYN™ PRIME is a water-soluble synthetic coolant designed for heavy-duty machining operations of both ferrous and non-ferrous metals. Versolsyn Prime delivers excellent cooling and whetting to machine tool surfaces and maintains superior lubricity versus conventional and synthetic blend coolants at the tool/chip interface even during extreme pressure machining and grinding.

PRODUCT APPLICATION

DRYDENE VERSOLSYN PRIME is recommended for machining processes of both ferrous and non-ferrous metals most including brass, bronze, copper and aluminums.

- Grinding
- Milling
- Drilling and tapping
- Broaching

Versolsyn Prime is typically diluted with water at 5% - 10% depending on the application metal type

FEATURES AND BENEFITS

DRYDENE VERSOLSYN PRIME derives is exceptional performance capabilities from a carefully formulated combination of synthetic base oils and resilient polymers that stand up to the most severe machining processes:

- Excellent EP performance without the use of chlorine, sulfur or phosphorus
- Efficient rejection of tramp oil which helps maintain coolant quality and reduce smoking at the tool/chip interface
- Fortified with power corrosion inhibitors that are ideal for most metal types including brass, copper, bronze and aluminum
- Clean, low foaming formula helps prevent fluid loss and excess debris buildup at the machining surface
- Long sump life helps extend changeout intervals and reduce operating costs



TYPICAL TECHNICAL PROPERTIES

	PROPERTY	TEST METHOD	VERSOLSYN PRIME
	Color	Physical	Amber
	Appearance	Physical	Clear
	Odor		Mild
	Specific Gravity @ 60°F	ASTM D891	1.06
	Density, lbs/gal	Physical	8.83
	pH @ 10%	ASTM D1172	8.8 - 9.5
	Refractometer, 5%	Refractometer	3.5
	Refractometer, 10%	Refractometer	6.0
	Chlorine		None
	Boron		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)