

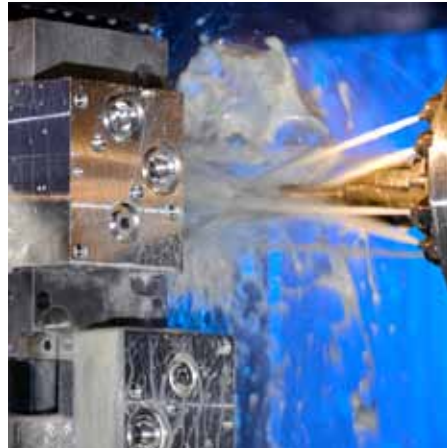


## Moderate to Heavy Duty Synthetic Cutting Fluid

KOOLRite 2510 is a new generation synthetic cutting fluid that replaces old style synthetics, soluble oils and semi-synthetics with a coolant that does not contain chlorine or sulfur. Yet, with the use of new technology 2510 will out perform competitive fluids.

KOOLRite 2510 it is designed for moderate to heavy duty machining operations where extreme pressure is required. It is great for all purpose general machining and grinding and excellent for ferrous and non ferrous metals. (Check aluminum for staining). It's also exceptional for non-metallic machining.

KOOLRite 2510 is formulated with JTM's unique **BioArmor Technology** which gives outstanding control of bacteria without the use of bactericides. BioArmor stops sump odors, gives you exceptionally long sump



life and a clean, comfortable, safe work environment for machine operators.

KOOLRite 2510 will reject tramp oils, allowing clean coolant to be delivered to the chip/tool interface to keep your machine tool clean with a minimum of residual film, while providing excellent corrosion control.

## KOOLRite 2510 ADVANTAGES

- Very low foaming properties
- Excellent corrosion protection on ferrous metals
- Unique non-chlorine anti-wear for improved tool life
- Long sump life with good biological resistance without the use of bactericide
- Hard water tolerant
- Does not contain phenols, nitrites, chlorine or sulfur
- Keeps machines clean
- All purpose, all metals coolant can eliminate the need for multiple coolants
- Low foam and good lubricity makes it a good choice for many grinding operations.
- Operator friendly formula

## Applications

KOOLRite 2510 is recommended for turning, milling, drilling, grinding as well as more severe operations. KOOLRite 2510 can be used on cast iron, all steel alloys, stainless, exotic alloy such as Inconel<sup>®</sup>, Waspaloy<sup>®</sup> and Hastelloy<sup>®</sup>, and many aluminum applications.

## Unique BioArmor™ Technology



**BioArmor Technology** means built-in resistance to bacterial growth without the use of bactericides. Only KOOLRite has it!



*KOOLRite Formulation Does Not Support Bacterial Growth*



*Competitive Coolant Teems with Bacteria*

## THE KOOLRite CHALLENGE:

**KOOLRite 2510** will outperform your current coolant or your purchase is **FREE!**

## Recommended Starting Dilutions

Operations	Iron & Carbon Steel	High Alloy & Stainless Steels	Tool Steels	Copper Alloys
Grinding	4% to 5%	4% to 6%	5% to 6%	4% to 5%
Milling, Drilling, Turning, Cut-off, Sawing, Screw Machining	5% to 7%	7% to 8%	6% to 8%	5% to 7%
Tapping, Reaming, Broaching and Form Milling	5% to 7%	8% to 12%	8% to 10%	5% to 7%

## Directions for Use

Add the KOOLRite 2510 concentrate to water. Proper maintenance by removing tramp oils is beneficial for extended coolant life. Control the concentration using a Refractometer.

Refractive Index .....1.60 (Refractive reading x 1.60 = % of concentration of dilution)

## Product Data

### Appearance:

Concentrate Clear Blue  
10% Dilution Clear Blue

**pH (concentrate):** 9.86

**pH (10% dilution):** 9.52

**Density (lbs/gal):** 8.8

## Recommended Metals

Cast Iron                      Nodular Iron  
Carbon Steel                  Tool Steel  
High Alloy Steel              Stainless Steel,  
Some Aluminum Alloys



Quality Industrial Lubricants  
for Over 100 Years.

**www.koolrite.net**  
email: **sales@koolrite.net**  
phone: **440-287-2302**  
fax: **440-287-3095**  
toll free: **800-229-6744**

Material Safety Data Sheets are available for all products. All reasonable care has been taken to ensure that the above information is accurate as of the date of printing.

**JTM Products, Inc. offers a complete line of Chemicals and Lubricants for Industry. Call us at 800-229-6744**