

KOOLRite™

Long Life Coolants **2295MAX/2400MAX**

Unique Micro-emulsion Coolants for Heavy-Duty and Severe Machining

KOOLRite 2295MAX and 2400MAX are specifically designed to meet the needs of customers running heavy-duty or severe machining operations as well as provide excellent performance on tough aerospace alloys where finish is important. 2295MAX and 2400MAX are excellent on high removal machining where speeds and feeds are pushed to the limit.

KOOLRite 2295MAX is formulated around unique chemistry, designed to offer added lubricity over our conventional KOOLRite 2290 product. KOOLRite 2400MAX goes one step further, offering both optimum lubrication and extreme pressure properties in high heat applications. Both products provide the part finish



and tool-life required for heavy-duty and severe machining operations.

KOOLRite products utilize JTM's unique BioArmor™ Technology which stops sump odors giving you exceptionally long sump life, and provides machine operators with a clean, comfortable, and safe work environment. *See below.*

**Praised in the Shop
Loved at Home**

KOOLRite 2295MAX/2400MAX ADVANTAGES

Ultimate lubrication for even the most extreme operations

Multi-metal capability allows for simplified product inventory

Clean, comfortable, and safe work environment for the machine operators

Low foaming performance even in high pressure systems

Advanced performance without utilizing bactericides, phenols, DCHA, chlorine or other hazardous additives

THE KOOLRite CHALLENGE:

KOOLRite 2295MAX and 2400MAX will provide twice the sump life of the soluble oil you presently use or your purchase is **FREE!**

Unique BioArmor™ Technology



BioArmor Technology means built-in resistance to bacterial growth without the use of bactericides. Only KOOLRite has it! Competitive coolants use DCHA and other additives, which are less expensive but of questionable safety. When operator health is a concern, there is no reason to compromise!



KOOLRite
after 13 months

*KOOLRite Coolant:
Does not support
bacterial growth*



THEIRS
after 4 months

*Competitive Coolant:
Teems with bacteria*

KOOLRite™

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Recommended Starting Dilutions

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

Directions for Use

The sump life of these coolants, as with any other coolant, will be greatly enhanced if charged to a clean system. JTM's Sump Cleaner Max can be utilized to disinfect your sump providing for optimum performance. KOOLRite 2295MAX and 2400MAX can be metered through automatic dispensing systems available from JTM. Contact your representative regarding cleaning procedures and dispensers. **Always add KOOLRite 2295MAX or 2400MAX concentrate to water and NOT water to concentrate.** Consistent removal of tramp oils from the sump is recommended for extended coolant life. The concentrations can be monitored with a refractometer utilizing a refractive index (RI) of 1.4 (refractive reading x 1.4 = % of coolant).

Metals

Aluminum Alloys	Cast Iron
Nodular Iron	Carbon Steel
Tool Steel	Steel
Stainless Steel	Titanium
High Ni Alloys	Copper Alloys

Not recommended for magnesium.

Product Data

	Concentrate	10% Dilution
Appearance	Amber liquid	Translucent
pH	9.3	9.1
Density	8.3 lbs/gal	N/A



Quality Industrial Lubricants
for Over 100 Years.

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

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 day of printing.