



Heavy Duty Synthetic Coolant for Cutting and Grinding

KOOLRite 2560AV is a new generation synthetic cutting fluid that replaces old style synthetics, soluble oils and semi-synthetics. JTM's unique **BioArmor Technology** has outstanding bio-stability giving complete control of bacteria without the use of bactericides. The result is a coolant that will stop sump odors, and provide exceptionally long sump life and a clean, comfortable, safe work environment for machine operators.

KOOLRite 2560AV is designed with new technology, eliminating the use of chlorine and sulfur for heavy duty machining operations on tough aerospace alloys specifically for use on 6000 and 7000 series aluminum where high finishes and non-staining is important.



KOOLRite 2560AV will reject tramp oil, allowing clean coolant to be delivered to the chip/tool interface keeping your machine tool clean with a minimum of residual film while providing excellent corrosion control.

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



THEIRS
after 4 months

Competitive Coolant Teems with Bacteria

KOOLRite 2560AV ADVANTAGES

Protects against sticky switches and valves. Keeps machines clean yet protected.

New synthetic lubricant technology provides high "EP" extreme pressure characteristics.

Superior "Tramp Oil" rejection allows easy removal of oils, keeping machine tool and work pieces cleaner

Multi-metal capability. Use one coolant throughout the plant.

Extremely long sump life reduces coolant change-outs. Lower annual disposal fees.

Does not contain: sulfur, phenols, nitrites or chlorine

Non-staining chemistry

High resistance to bacterial and fungi growth

Cleaner machine - tolerates hard water

Low foam levels even on high pressure systems

Applications

KOOLRite 2560AV was formulated to give the aerospace industry one coolant to machine all metals and all operations. Excellent for all aluminum, titanium and other high nickel alloys.

THE KOOLRite CHALLENGE:

KOOLRite 2560AV will outperform the coolant you presently use or your purchase is **FREE!**

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%	8% to 12%	8% to 10%	8% to 10%	5% to 7%

Directions for Use

The sump life of this coolant, as with any other coolant, will be greatly enhanced if charged to a clean system. You can utilize JTM's Sump Cleaner to disinfect your sump. KOOLRite 2560AV can be metered through automatic dispensing systems available from JTM. Contact your representative regarding cleaning procedures and dispensers. **Always add the KOOLRite 2560AV concentrate to the water and not the water to the concentrate.** Proper maintenance in removing extraneous oils is beneficial for extended coolant life. The concentration can be monitored by refractive index.

Recommended Metals

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

Product Data

Appearance:

Concentrate	Clear Amber
10% Dilution	Hazy/Pale Yellow

pH (concentrate): 9.47

pH (10% dilution): 8.93

Density (lbs/gal): 8.9



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