TRIM™ E206KS

Long-life Emulsion

TRIM E206KS is a high quality universal emulsion coolant concentrate. It has been designed for a very broad range of metals allowing its effective use in most cutting and grinding operations, which requires minimal maintenance even in the most demanding fluid management systems. It has the lubricity and "guts" necessary to do heavy-duty machining. The stable and predictable performance of TRIM E206KS makes it a first choice for high-quality, consistent parts manufacturing.

Emulsions



Geared up for production:

With superior lubricity and a higher oil content, TRIM emulsions provide a greater boundary layer between the tool and the material, and are ideal for heavy-duty applications such as broaching, reaming, deep hole drilling, drilling, tapping, and centerless grinding.

TRIM emulsions work well for machining copper, yellow metals, steel alloys, cast aluminums, wrought aluminums, and tough-to-machine titanium and nickel-based alloys.

Choose E206KS:

- Very stable formula provides long operational life with consistent performance
- Has a very wide application range allowing its effective use on cutting and grinding
- Extremely hard water tolerance
- Extremely stable fine particle size emulsion to reduce carry-off and super-high penetrability to get the fluid to the point of cut
- Provides good tool life and surface finishes
- High tramp oil resistance for easy oil remove, longer coolant life and more opportunities to be recycled
- Leaves a very light oily, non-gumming residue to prevent sticky ways, chucks, tool holders and fixtures
- Coolant residue is easily removed with either water, working solution or aqueous cleaners
- Good cleaning performance keeps machine tool very clean
- Easy recycling or disposal with conventional techniques and equipment
- Run effectively for long periods without the need for costly additives

E206KS especially for:

Applications — drilling, machining, milling, reaming, tapping, and turning

Materials — aluminum, brass, cast iron, and steels

Industries — automotive and job shop

E206KS is free of — formaldehyde releasers and MEA

Master Fluid SOLUTIONS™

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Application Guidelines

- Should be run at lower concentrations for higher speed operations where heat removal is the key issue
- Higher concentrations are recommended on soft, gummy materials and for lower speed operations where friction reduction and control of B.U.E are critical
- Concentrations of 7% - 10% provide the best sump life and most predictable performance
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/ap/en-ap/distributors/index.php, your District Sales Manager, or email us at apac-info@masterfluids.com.

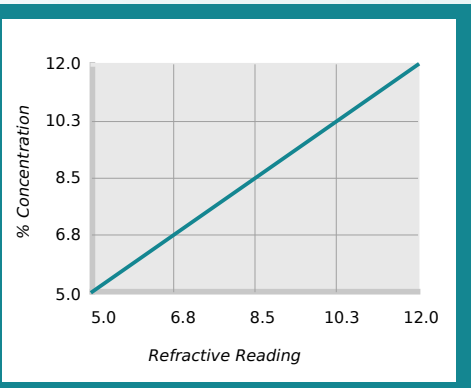
Physical Properties Typical Data

Color (Concentrate)	Blue
Color (Working Solution)	Blue
Odor (Concentrate)	Mild, pleasant
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D92-90)	> 100°C
pH (Concentrate as Range)	9.0 - 10.0
pH (Typical Operating as Range)	9.0 - 10.0
Coolant Refractometer Factor	1.0

Recommended Metalworking Concentrations

Light Duty	5.0% - 7.0%
Moderate Duty	7.0% - 9.0%
Heavy Duty	9.0% - 12.0%
Design Concentration Range	5.0% - 12.0%

Concentration by % Brix



% Concentration = Refractive Reading x Refractive Factor
Coolant Refractometer Factor % Brix = 1.0

Health and Safety

Request SDS

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Mixing Instructions

- Recommended usage concentration in water: 5.0% - 12.0%.
- To help ensure the best possible working solution, add the required amount of concentrate to the required amount of water (never the reverse) and stir until uniformly mixed.
- Use premixed coolant as makeup to improve coolant performance and reduce coolant purchases. The makeup you select should balance the water evaporation rate with the coolant carryout rate. Use our Coolant Makeup Calculator to find the best ratio for your machine: apps.masterfluids.com/makeup/.
- Use mineral-free water to improve sump life and corrosion inhibition while reducing carryoff and concentrate usage.

Ordering Information

20-liter pail

204-liter drum

1000-liter tote

Additional Information

- Use Master STAGES™ Whamex™ for a quick and thorough precleaning of your machine tool and coolant system.
- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
- TRIM™ is a trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
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https://2trim.us/di/?i=ap_en-ap_E206KS

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