



CoolPAK™ E7295

Emulsion

CoolPAK™ E7295 is a soluble oil emulsion coolant for general-purpose, multi-metal machining and grinding of ferrous and nonferrous materials. It provides a satisfactory result on ductile material such as stainless steel and aluminum alloy. It has good lubricity and EP additives that are necessary to do heavy-duty machining center work while still providing the cooling and lubricity necessary to do high-speed turning and grinding operations.

Application Guidelines

- Higher concentrations are recommended on soft and gummy materials and for lower speed operations where friction reduction and control of the BUE are critical.
- Concentrations more than 7% provide the best sump life with this product.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at <https://www.2trim.us/distributors.php>, your District Sales Manager, or call our Tech Line at (86) 400-801-3590.

Physical Properties Typical Data

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

Choose CoolPAK E7295:

- Contains a proven and effective, extreme-pressure (EP) additive to control built-up edge (BUE) especially on aluminum alloy
- Wide application range, effective on diverse operations in production machining from surface and centerless grinding, heavy-duty broaching, and gear hobbing
- Provides corrosion protection for aluminum and copper
- Rejects tramp oil to help extend sump life and increase recycling options
- Leaves a soft non-gummy film to protect guide ways, chucks, tool holders, and fixtures
- Coolant residue is easily removed with either water, working solution, or aqueous cleaners
- Easy recycling or disposal with conventional techniques and equipment

Health and Safety

For further information, see the most recent SDS, which is available directly from Master Fluid Solutions.

Packaging

20-liter pail

204-liter drum



CoolPAK™ E7295

Emulsion

Recommended Concentrations

Light duty	5.0% - 8.0%
Moderate duty	8.0% - 10.0%
Heavy duty	10.0% - 20.0%
Design Concentration Range	5.0% - 20.0%

Mixing Instructions

- Recommended usage concentration in water: 5.0% - 20.0%
- 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 mineral-free water to improve sump life and corrosion inhibition while reducing carryoff and concentrate usage.

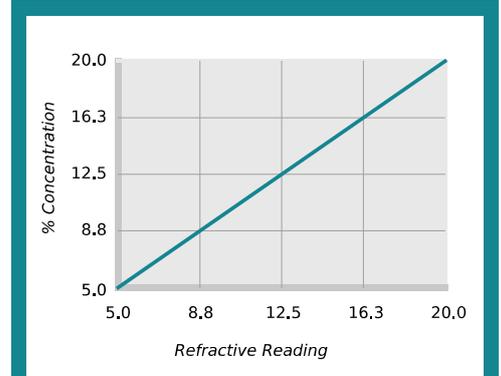
Additional Information

- Use Master STAGES™ Whamex™ for a quick and thorough precleaning of your machine tool and coolant system.
- Before using on any metals or applications not specifically recommended, consult Master Fluid Solutions.
- 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.

The information herein is given in good faith and believed current as of the date of publication and should apply to the current formula version. Because conditions of use are beyond our control, no guarantee, representation, or warranty expressed or implied is made. Consult Master Fluid Solutions for further information. Contact your Master Fluid Solutions' District Sales Manager for the latest version of this document. Master STAGES™, CoolPAK™, and Whamex™ are trademarks of Master Chemical Corporation d/b/a Master Fluid Solutions.

CoolPAK™ E7295 | ©2019 Master Fluid Solutions™ | 2019-06-02

Concentration by % Brix



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

Master Fluid Solutions 马思特液体解决方案
4/F, Block H, No. 200 Jinsu Road Pudong,
Shanghai
上海市浦东新区金苏路200号H栋4楼, 201206
China

+86 21 6807-0101, 400-801-3590

info@masterchemical.com.cn

masterfluidsolutions.com/ap/zh/

