



CoolPAK™ E7007

Emulsion for Pipe Forming and General Machining

CoolPAK E7007 is a high-oil emulsion pipe forming and general machining fluid. A combination of performance additives and corrosion inhibitors allow CoolPAK E7007 to provide excellent performance with low residue. For metalworking processes, CoolPAK E7007 is the perfect alternative to conventional oils and leaves an easy to-clean, protective layer.

Application Guidelines

- Concentration of above 5.0% helps to prevent corrosion and improve sump life
- Apply a NOCOR corrosion inhibitor to the pipe after the machining process to provide long-lasting protection.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at <https://www.masterfluids.com/in/en-in/distributors/index.php>, your District Sales Manager, or email us at india-info@masterfluids.com.

Physical Properties Typical Data

Color (Concentrate)	Amber
Color (Working Solution)	Milky white
Odor (Concentrate)	Mild oily
Form (Concentrate)	Liquid
Flash Point (Concentrate)	> 100°C (ASTM D93-08)
pH (Concentrate as Range)	8.7 - 9.9
pH (Typical Operating as Range)	9.0 - 10.0
Coolant Refractometer Factor	1.1

Choose CoolPAK E7007:

- Low foam
- Good operational life with consistent performance
- Provides superior corrosion protection on steel and zinc-galvanized steel
- Reduces the residue on the pipe surface and keeps the machine clean
- Easy to maintain with a long fluid sump life
- Excellent emulsion stability and hard water tolerance

Health and Safety

For further information, see the most recent SDS which is available directly from Master Fluid Solutions or from your Master Fluid Solutions' Authorized Distributor.

Packaging

204-liter drum
1000-litre IBC



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Recommended Concentrations

Light Duty	5.0% - 6.5%
Moderate Duty	6.5% - 8.5%
Heavy Duty	8.5% - 10.0%
Design Concentration Range	5.0% - 10.0%

Mixing Instructions

- Recommended usage concentration in water: 5.0% - 10.0%
- 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.

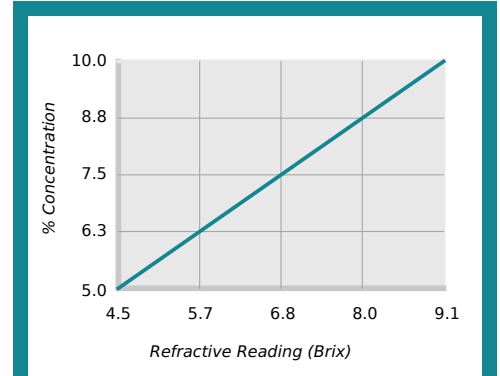
Additional Information

- Use Master STAGES™ Whamex™ for a quick and thorough precleaning of your machine tool and coolant system.
- 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.

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Concentration by % Brix



$\% \text{ Concentration} = \text{Refractive Reading} \times \text{Refractive Factor}$
Coolant Refractometer Factor % Brix = 1.1

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