



Tarmond MEA 910 ERW

FULL SYNTHETIC COOLING OIL

Product Description:

Tarmond MEA 910 ERW is a fully synthetic cutting fluid developed for high-temperature applications requiring moderate lubrication. It provides stable machining performance and process reliability, featuring biodegradable characteristics within its formulation. Specifically designed for ERW welded pipe and profile production, it delivers very low consumption per ton. Its surfactant-based cleaning system and corrosion inhibitors ensure clean surfaces and effective rust protection even at low concentrations. Antimicrobial properties support in-service fluid stability. The product forms clear, stable micro-emulsions with water and contains no formaldehyde donors or secondary amine compounds harmful to health.

Benefits:

- ❖ Ability to form stable emulsions with water at 5–20 dH hardness
- ❖ Very high emulsion stability and low foaming tendency
- ❖ Excellent detergency, with very good cooling and lubricating properties
- ❖ Outstanding corrosion protection and high resistance to fungi and bacteria
- ❖ Increases production by extending tool life and reduces downtime due to tool changes

Technical Data:

Tarmond MEA 910 ERW	Test Method	
Color	Visual	Clear/Light Brown
Density at 15 °C, gr/cm ³	ASTM D 1298	1.02
pH, 3% Emulsion	DIN 51369	9.4 – 9.6
Refractometer Factor 3% Emulsion	TRM-110	1.67
Corrosion, 3% Emulsion	DIN 51360/2	0/0 Pass
Flash Point, °C	ASTM D 92	170

Above values are the typical values of the products and may vary with each batch.