

# Magnacool Synthetic Water Miscible Cutting Fluids

Product	Description	Appearance	EP Additives	Polar Additives	Materials						Applications				
					Cast Irons	Steel	Stainless Steels	High temp Alloys	Aluminium & Zinc	Other Non Ferrous	ID/OD Turning	Milling/Drilling	Reaming, Tapping	Heavy Duty Machining	Grinding
MEC506	A low-oil, economical, semi-synthetic formulation that provides a stable emulsion, offering good rust inhibition and long sump life.	Transparent	X	X	****	**	*	*			5% - 7%	5% - 7%			3% - 5%
MEC510	A low-oil, semi-synthetic formulation that provides a stable emulsion, effective rust inhibition, clean machines, and long sump life	Transparent	✓	✓	****	****	****	****	**	**	5% - 7%	5% - 7%	8% - 12%	8% - 12%	3% - 5%
MEC515	A low-oil, semi-synthetic formulation with EP additives that provides a stable emulsion, ensuring good tool performance, clean machines, and extended sump life.	Transparent	✓	✓		**	***	***	***	***	5% - 7%	5% - 7%	8% - 12%	8% - 12%	3% - 5%
MEC520	A universal, chlorine-free micro-emulsion that provides excellent cleanliness and effective tramp oil rejection. Suitable for both machining and grinding of all materials	Transparent	✓	✓✓		**	***	***	****	****	5% - 7%	5% - 7%	8% - 12%	10% - 12%	3% - 5%

****	Highly Suited	***	Best Suited		Highly Recommended
**	Moderately Suited	*	Can be used		can be used