



GEORGIA WAREHOUSE
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ChemWorld SYNTHETIC ECO

Fully-Synthetic Machining and Grinding Fluid for Ferrous Metals

ChemWorld SYNTHETIC ECO is a fully-synthetic machining and grinding fluid developed to provide superior performance for critical machining and grinding applications of ferrous metals. This unique blend provides outstanding cooling and lubrication for excellent surface finish, tool life and corrosion protection. The bio-stability of this product resists depletion due to microbial action. ChemWorld SYNTHETIC ECO provides superior chip settling properties and controlled detergency to reduce tacky, gritty residues from forming during machining and grinding operations. ChemWorld SYNTHETIC ECO resists emulsification of tramp oils.

PROPERTIES

Concentrate Appearance: Clear Blue Liquid

Odor: Bland

Residual Film: Fluid

pH @ 100%: 9.4

Specific Gravity @ 600F (H2O=1): 1.04

Total Sulfur and Chlorine: None

Total Oil Content (Mineral and Petroleum): None

Foaming: 650 Mls/6 Sec.

Metal Compatibility: Safe on all ferrous metals

HMIS Rating: 1,0

APPLICATIONS

	Ratio	Cast Iron	Steel
Tapping, Reaming, Sawing	10:1/20:1	7%	10%
Milling, Turning	20:1/30:1	5%	6%
Grinding, Centerless, I.D and O.D.	20:1/40:1	3%	5%

REFRACTOMETER READING

2%	0.8
4%	1.6
5%	2.0
6%	2.4
8%	3.2
10%	4.0

For Industrial and commercial use only

PACKAGING: Bulk, 330, 55, and 5-gallon containers.