

CYCLO COOL® 590E ADVANCED TECHNOLOGY SERIES MICRO EMULSION



CYCLO COOL®

CYCLO COOL® 590E is a high lubricity, micro emulsion, metal machining fluid designed for moderate to heavy duty applications on ferrous and nonferrous materials. This low maintenance biostatic product offers synthetic hard-water stability along with heavy duty non-chlorinated soluble oil lubrication technology for difficult to machine applications. This product works well within hard-water regions where nonferrous staining and galvanic corrosion protection are absolutely needed for finished part and machine protection.

APPLICATIONS

CYCLO COOL® 590E has been designed to run on a wide variety of applications including high pressure and low foaming applications and contains an extremely stable emulsion package. This product performs exceptionally well on drilling, milling, and tapping on a wide range of materials and operations.

FEATURES AND BENEFITS

- > Micro Emulsion – Increased Stability
- > Superior Corrosion/Staining Protection
- > Extremely Clean/Light Oil Residue
- > Biostatic Package
- > High Pressure/Low Foaming
- > Operator and Machine Friendly
- > Does Not Contain Chlorine or Sulfur
- > Job Shop Versatility

CYCLO COOL® 590E is a non-chlorinated micro emulsion for increased stability. This metal machining fluid works well within automotive aluminum transfer lines.

Mixing

Always add CYCLO COOL® 590E to water. For best results use either a CYCLO COOL mixer or continuously stir while adding concentrate to water.

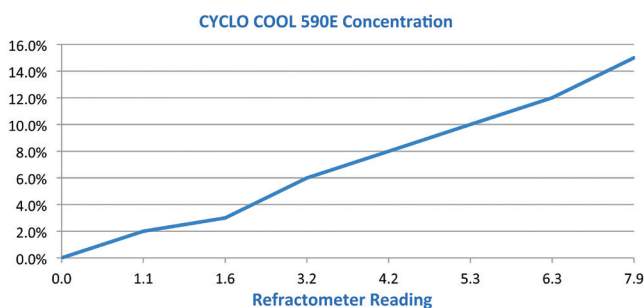
Suggested Operating Dilutions

- > Heavy Duty 5.0%
- > Moderate Duty 5.0% - 7.0 %
- > Severe Duty 7.0% - 9.0 %

Typical Properties

- > Color (Solution): Off White
- > Density: 8.1 lbs./gal
- > pH of Concentrate: 10.0-10.5
- > Specific Gravity: 0.9725
- > Sulfur, Chlorine: 0.0%

* The above typical properties are subject to manufacturing tolerances.



Refractometer Conversion Factor: 1.9

Packaging Options (USA)

- > 5 Gallon Pail
- > 55 Gallon Drum
- > 275 Gallon Tote

Outside the USA

- > 20 Liter Pail
- > 200 Liter Drum
- > 1,000 Liter Tote

Weight per Container

- > 41 lbs
- > 446 lbs
- > 2,228 lbs

The **AUTO-FILL** system is a comprehensive floor cleaning program that eliminates the need for ordering, disposal, and handling of pails, drums, and totes. The AUTO-FILL System combined with industrial strength, environmentally friendly floor cleaning products and eCLEAN monitoring technology provides the customer with total floor care process improvement.

- > Industrial Strength
- > Environmentally Friendly
- > Floor & General Purpose Cleaners
 - EPA Certified "Green" Products
- > On-Site Centralized Refillable Tanks
 - Resilient 125 – 250 Gallon Tank
 - Concentration Proportioned
 - Accurate Durable Proportioner Unit
- > AUTO-FILL System w/ eCLEAN Technology
 - eCLEAN: Remote Usage and Refill Monitoring
 - Inclusive; No Hidden Charges
 - No Shipping Charges
 - No Pallet Charges
- > No Equipment Charges
- > No Container Deposits
- > 50+ National Manufacturing Centers

- > Features and Benefits
 - High Quality 5ME Industrial Cleaners
 - AUTO-FILL System
- > eCLEAN Monitoring Technology
 - Cellular Technology Provides Remote Inventory Control and Reporting Solutions
 - Alternative to Drums, Pails, and Totes



Floor Cleaners	Dilution	Floor Type	Floor Scrubber Compatible	Application	Mix pH
Cyclo Power 5549	1-10%	Painted/ Concrete	Yes	General Purpose (Mop Buckets and Spray Bottles)	8.4
Cyclo Power 1155	1-10%	Painted/ Concrete	Yes	General Purpose (Mop Buckets and Spray Bottles) Aluminum Safe	12.6
Cyclo Power 63000	1-10%	Painted/ Concrete	Yes	General Purpose (Mop Buckets and Spray Bottles) EPA Registered "Green" Fluid	10.3



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