

MULLEN CIRCLE BRAND

SOLUBLE OIL *#1500 Series*

**Mullen
Circle Brand
Blended Products:**

*Cutting Oils
Circle Cut #729
Soluble Oils
Synthetic Coolants*

*Semi-Synthetic Coolants
Rust Preventives
Cleaners
Grease*

*Hydraulic Oil
Compressor Oil
Gear Oil
Way Oil*

*Spindle Oil
Machine Oil
Synthetic Oil*

Made In U.S.A.



Mullen Circle Brand, Inc.
3514 West Touhy Ave
Skokie, IL 60076
847/676-1880
Fax: 847/676-3748
Solutions@MullenOil.com



All Purpose Water Soluble Oils Lowest Irritation Risk

#1500 Soluble Oils include four products covering applications from grinding to heavy duty machining.

#1500 Soluble Oils emulsify to form a pristine white emulsion upon addition to water. Typical treat rates are 5-10% for machining and 2-5% for grinding. Rust Protection and detergency are outstanding to keep parts and machinery clean.

#1500 Soluble Oils are multi-metal safe, ph balanced to minimize irritation risk and contain state of the art biocides to bacterial at bay.

Most Popular Product -> #1594B Soluble Oil

More ==>

...Providing Solutions To Industry Since 1912...



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WATER SOLUBLE OILS– #1500 SERIES

| | #1550B | #1585B | #1592B | #1594B |
|-----------------------------|---------------------------------|----------------------------------|---------------------|--------------------|
| Application | Light Machining; Grinding | Medium Machining; Grinding | Medium Machining | Heavy Machining |
| Color, Concentrate | Brown | Brown | Brown | Brown |
| Color, Dilution | White Emulsion | White Emulsion | White Emulsion | White Emulsion |
| Odor | Oil | Oil | Oil | Oil |
| Flash Point, F | 400 | 400 | 400 | 400 |
| Hard Water Stable | Yes | Yes | Yes | Yes |
| Multi-Metal Safe | Yes | Yes | Yes | Yes |
| Aluminum Stain | None | None | None | None |
| Ph, 5% | 8.8 | 9.0 | 8.7 | 9.0 |
| Refractometer Factor | 1.0 | 1.0 | 1.0 | 1.0 |
| Sulfur | No | No | No | No |
| Chlorine | No | No | Yes | Yes |
| Fat | Yes | Yes | Yes | Yes |
| Sodium | NO | No | No | No |
| Treat Rate | | | | |
| Grinding | 2-5% | 2-5% | | |
| Machining | 5-10% | 5% | 5% | 5% |

Mullen Circle Brand strives to help our customers manage their lubricant inventory efficiently. We see it to be our responsibility to help with potential purchasing efficiencies, product consolidation opportunities, material handling options and assist with the regulatory burden.

To this end, **Mullen Circle Brand** now offers nonhazardous waste pickup services to our customers. Ask your salesperson for more information on this or any other **Mullen Circle Brand** product or service.

...Providing Solutions To Industry Since 1912...

Cutting Fluids * Industrial Lubricants * Greases * Cleaners

The Information Given Herein Is Believed To Be Reliable, But No Guarantee Is Made Nor Liability Assumed.