

# MULLEN CIRCLE BRAND

## CUTTING OIL *#1011 Series*

**Mullen  
Circle Brand  
Blended Products:**

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

*Semi-Synthetic Coolants  
Rust Preventives  
Cleaners  
Grease*

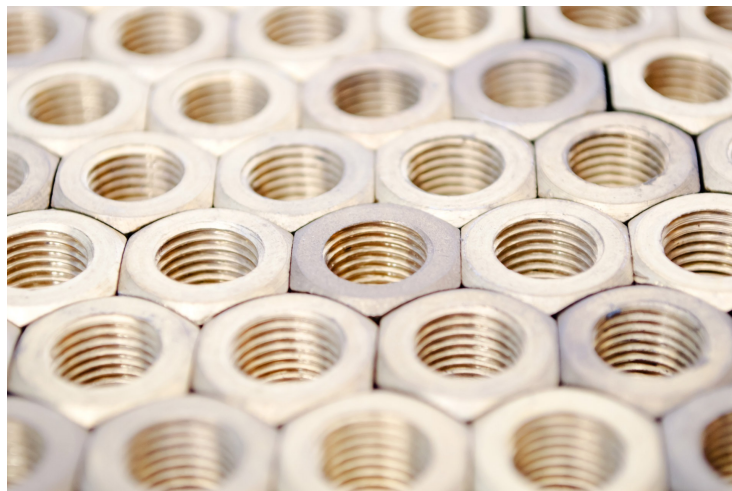
*Hydraulic Oil  
Compressor Oil  
Gear Oil  
Way Oil*

*Spindle Oil  
Machine Oil  
Synthetic Oil*

*Made In U.S.A.*



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### *Dual Purpose Cutting & Lube Oils*

**Dual Purpose Oils** are designed to function equally well as a light duty cutting fluid and a machine oil in those situations where one oil is used for both applications. Or in the case of significant cross contamination of the cutting oil and the machine oil.

The three oils presented here vary by viscosity and sulfur activity. The higher viscosity oils tend to lubricate a bit better, but there is increased oil dragout on the parts.

Active sulfur allows for better part finish on steel, but should be avoided when machining copper alloys due the risk of black staining.

Most Popular => #1011 Dual Purpose Cutting Oil

*More ==>*

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



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### #1011 CUTTING OILS—DUAL PURPOSE

	#1011	#1011A	#1011X	#1011AX
Viscosity, SUS @ 100 F	150	150	200	200
Color	Red	Black	Black	Black
Odor	Sulfur	Sulfur	Sulfur	Sulfur
Flash Point, F	400	400	400	400
Pounds/Gallon	7.1	7.1	7.1	7.1
Sulfur, Active	None	Yes	None	Yes
Sulfur, Inactive	Yes	Yes	Yes	Yes
Chlorine	None	None	None	None
Fat	Yes	Yes	Yes	Yes

**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.

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**Cutting Fluids \* Industrial Lubricants \* Greases \* Cleaners**

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