

PRODUCT INFORMATION

ECOSE® AS KUT ACTIVE SULFUR CUTTING OILS

ECOSE® AS KUT Active Cutting Oils (AS) are dark colored, straight cutting fluids that contain a well balanced blend of extreme pressure (EP) additives in the form of active sulfur along with elevated amounts of fat that provide excellent surface finish, promotes longer tool life, greater production and reduced labor cost.

FEATURES AND BENEFITS:

The wide viscosity range and various compounding levels formulated into **ECOSE® AS KUT (AS) Active Cutting Oils** make them an ideal choice for a wide range of ferrous metalworking applications where high speeds, smooth finishes and long tool life is a must.

- **ECOSE® AS KUT 60C** is a low viscosity fluid fortified with antiweld properties making it an ideal choice for deep hole drilling applications on difficult to machine metals and alloys.
- **ECOSE® AS KUT 120** is a non-transparent heavy duty fluid formulated to provide strong performance where moderate to severe machining is required. The high level of extreme pressure (EP) additive coupled with fatty oils make this product ideal for threading, tapping and internal grinding and where a high level of surface finish is a must.
- **ECOSE® AS KUT 150C** contains active sulfur, chlorine and fat. This balanced blend of components makes this product well suited for a wide range of ferrous metalworking applications where high speeds, smooth finishes and long tool life are critical.
- **ECOSE® AS KUT 180** is a versatile, general purpose cutting oil for use with carbon steels and alloy steels where light to moderately-severe machining service is required. Threading, tapping, drilling and gear shaving are some of the activities well suited for this oil.
- **ECOSE® AS KUT 315C** is an outstanding dark pipe threading oil. This product is well suited for the toughest machining operations on some of the most difficult metals and alloys.

Typical Properties

Grade		AS 60C	AS 120	AS 150C	AS 180	AS 315
Product Code	Test Method	535220	535222	535224	535225	535226
Viscosity SUS @ 100°F	ASTM D-2161	60	120	150	180	315
Flash Point, COC, °F	ASTM D-92	275	350	315	350	>300
Sulfur, %		3	5	2	2	5
Active Sulfur, %		1	3	1	1	3
Chlorine, wt%		2	--	1		
Fat, %		10	10	7	6	12
Phosphorus, wt%						1

Note: **ECOSE® AS KUT** contain elevated amounts of active sulfur that will stain soft metals such as brass, bronze, copper and aluminum. Their use in machining applications where these metals are present and staining is an issue should be avoided.

AVAILABILITY:

ECOSE® AS KUT Active Cutting Oils are available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.