



Product Bulletin



GULF CUT AS2237-12L

Chlorinated, Active Sulfur, Low Viscosity

Gulf CUT AS2237-12L is a light colored, chlorinated cutting oil designed for use in moderate to severe machining operations. It is formulated with a very effective extreme pressure (EP) anti-weld additive system that offers excellent surface finish while promoting extended tool life. The additive chemistry used helps to form a very effective boundary lubricating film which reduces frictional heat and prevent metal-to-metal contact of the tool and workpiece. It is very well suited for deep hole drilling, grinding and other operations where a low viscosity, light colored cutting oil is recommended.

FEATURES AND BENEFITS:

- **Gulf CUT AS2237-12L** is a low viscosity cutting oil compounded with excellent anti-weld properties making it an ideal choice for gun drilling applications on difficult to machine metals and alloys. It is light colored on the work piece allowing good visual inspection of machined parts. Main applications would include deep hole drilling, tapping, sawing, turning, shaping, drilling and milling. **Gulf CUT AS2237-12L** should not be used where staining of copper and its alloys is a concern.

Typical Properties

Product Name		Gulf Cut AS2237-12L
Product Code	Test Method	335232
Viscosity SUS @ 100°F	ASTM D 2161	70
Flash Point, COC, °F	ASTM D 92	315
Color	ASTM D 1500	Light amber
Density, lbs/gal	ASTM D 1298	7.2
Sulfur, %		Present
Fat Oil, %		Present
Chlorine, wt%		Present
Phosphorus, wt%		None

Note: **Gulf CUT AS2237-12L** contains elevated amounts of active sulfur that may stain soft metals such as brass, bronze, copper and some aluminum. Its use in machining applications where these metals are present and staining is an issue should be avoided.

AVAILABILITY:

Gulf CUT AS2237-12L is available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit www.gulflubricants.net.