



QUAKERCUT® 012 PE STRAIGHT CUTTING OIL

APPLICATION SHEET

BENEFITS

- » Excellent corrosion protection from thin film aspects of the product
- » The bland nature of the odor is acceptable to operators versus the standard sulfurized-type odors of other cutting oils
- » The unique blend of boundary and extreme pressure lubricants provides high film strength and excellent lubricating qualities
- » A thin film, oily residue, is non-tacky and easily removed by conventional alkaline or emulsion cleaners
- » The unique lubrication provide optimum performance on difficult machining operations and grinding operations
- » The non-sulfurized and non-chlorinated nature of this product does not require special handling from a waste treatment or disposal viewpoint

APPLICATIONS

QUAKERCUT® 012 PE is designed for medium to heavy-duty machining and grinding operations requiring a high degree of lubrication. It is suitable for use on all grades of steel, especially difficult-to-machine high-nickel alloys.

FLUID MAINTENANCE

QUAKERCUT® 012 PE is to be used as received. It should not be diluted with any mineral spirits or other low viscosity materials. Dilution will greatly hinder performance characteristics. Please consult with your Quaker Process Engineer for more information.

PROPERTIES

PROPERTY	TYPICAL VALUE
Appearance	Clear Amber Fluid
Pounds per gallon at 60°F	7.50 lbs/gal
Flash Point via COC	325oF / 163oC
Viscosity @ 100°F (40°C)	95.3 - 113.7 SUS 19.4 - 23.7 cSt
Odor	Oily
Neat pH	N/A





QUAKERCUT® 012 PE STRAIGHT CUTTING OIL

APPLICATION SHEET

STORAGE AND HANDLING

QUAKERCUT® 012 PE is available in drums (54 gals/405 lbs) or totes (320 gals/2,400 lbs). All containers are filled to volume by weight.

This product has a shelf life of 12 months. Like most chemicals, it should be stored out of direct sunlight in temperatures between 40°F (4°C) and 110°F (43°C).

quakerchem.com | 1.800.523.7010

Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED, REGARDING THE ACCURACY OF THESE DATA. THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, OR THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT. Quaker Chemical Corporation assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Quaker Chemical Corporation. 13628-01 03/2013