

# SHEARGLIDE® BIO 410

## Bio-based Cutting Oil

### Multi-Metal – General Purpose Machining

#### Description

**Shearglide® Bio 410** is a high performance bio-based metalworking fluid designed for excellent performance in general machining and forming applications across a wide range of both ferrous and non-ferrous metals.

**Shearglide® Bio 410** uses a special blend of lubricity and extreme pressure additives specifically formulated to provide excellent tool life and surface finishes and oxidation inhibitors to assure longer fluid life. It is based on renewable raw

**Shearglide® Bio 410** is based on renewable raw materials and is practically non-toxic and biodegradable as received. In certain systems, it can also be used on the lubrication side of the machine, such as way lubricants.

#### Typical Physical and Chemical Specifications

Part Number	410
Appearance Color	Amber Liquid
Sulfur, % wt	Inactive
Chlorine	Nil
Phosphorus	Yes
Petroleum Oil	Nil
Water Solubility	Nil
Pour Point, °F	0°F
Viscosity at 40°C	62 cSt
Density	7.5 to 7.7 lbs. per Gallon
Flash Point, °F	570°F

#### Features/Benefits

- ✓ **Improves Operational Efficiency**  
Eliminates the need for multiple products.  
Optimized chip removal.  
Excellent filterability.  
Excellent tool life.
- ✓ **Improves Part Finish Quality**  
Non-Staining.  
Improves surface finish.
- ✓ **Environmentally Responsible**  
Chlorine free.  
Reduces energy demand.  
Easy to recycle.
- ✓ **Versatile**  
Suitable for use on a wide range of substrates.

**THRIVE**



product data sheet