



XG 101

FRICITION REDUCER

XG 102 is a friction reducer with great anti-wear properties. It is ashless, sulfur, phosphorous, and heavy metal free. XG 101 is designed mainly for metalworking fluids.

Chemical Composition

Boron Oxide, Boric Acid, and Organic Esters

Properties

Physical State	Liquid
Appearance	Amber
Density @ 20°C	0.89 g/mL
Viscosity @ 20°C	180 mPa*s
ASTM Color, 1% in Oil	2
Flash Point (Closed Cup)	>300°C

*These numbers are typical properties for any given volume.

Solubility

Soluble in petroleum fuels, lubricants, and greases.

Recommended Treat Rates

0.1 to 3.0 wt.% dependent on application.

Applications

- Metalworking Fluids
- Industrial Oil

XG Industries

53 HANCOCK ST.
STRATFORD, CT 06615
(475) 282-4643

For more information, please email:

sales@xqindustries.com



Advantages

- Ashless, sulfur, and phosphorous free
- Potent friction reducer and anti-wear properties
- Eliminates the need for a copper passivator
- Highly lubricious
- Easily miscible as it is a low viscosity fluid
- Not reactive with other components (synergistic) – simpler finished formulations
- Favorable toxicity & biodegradability profile
- Excellent thermal stability
- Lower total cost than most alternatives
 - Low treat rates and price compared to most alternatives
 - No need for copper passivation

Storage and Handling

Storage

Store in accordance with local regulations. Store in original container in a dry, cool, and well-ventilated area. Keep away from any open flames, sources of ignition, and food and drink. Do not store in any unlabeled containers. Dispose of contents/container in accordance with local/regional/state/federal regulations.

Handling

Put on appropriate personal protective equipment when handling this product. Avoid contact with eyes, skin, and clothing. Only use in a well-ventilated area. Remove any contaminated clothing and PPE before entering eating areas.

Registration

Please refer to section 15 on the SDS for any regulatory information.

***Disclaimer:** Please refer to all local and state regulations for product disposal. For any handling or safety related issues, please refer to the SDS for this product.