



# XG 102

## FRICITION REDUCER

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

### Chemical Composition

Boron Oxide, Boric Acid, and Organic Esters

### Properties

Physical State	Liquid
Appearance	Brown
Density @ 20°C	0.95 g/mL
Viscosity @ 20°C	4209 mPa*s
ASTM Color, 1% in Oil	4
Flash Point (Closed Cup)	>270°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

- Greases
- Industrial Oils

#### XG Industries

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## Advantages

- Ashless, sulfur, and phosphorous free
- Potent friction reducer and anti-wear properties
- Extreme presser (EP) benefits
- Acts as corrosion inhibitor
- Highly durable
- Not reactive with other components – 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
  - Reduced EP additive requirements when XG 102 is used

## 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.