



## Octopol PTB

CHEMICAL NAME: Potassium Triborate Dispersion in Neutral Oil  
PHYSICAL FORM: Viscous Dark Amber Liquid

TYPICAL PROPERTIES:		METHODS
Calcium, %	0.06 – 0.12	ICP
Boron, %	6.0 – 9.0	ICP
Potassium, %	7.0 – 10.0	ICP
Specific Gravity	1.13	WGC-320
Flash Point, °C.	> 150	FPC-330

### PRODUCT DESCRIPTION:

Octopol PTB is a synergistic extreme pressure composition found to give superior anti-wear and antioxidant features contributed to the oil by the particular borate dispersion. Octopol PTB has fluid or semi-fluid consistencies that are desirable for open gears and bearings. This extreme pressure additive has usages in gear sets found in gas compressors, high-pressure hydraulic systems, automotive transmission differentials, and other types or bearings where high-load conditions are prevalent. To avoid the undesirable effects of un compounded oil under high-load conditions, borates are widely used EP and anti-wear additives. By building a resilient film caused by inorganic borate spheres interacting with metal load-bearing surfaces, this borate dispersion is able to provide outstanding wear protection and load-carrying capacity. The lubricant becomes very stable due to the small size and low density of the dispersed borate.

Octopol PTB components are listed or not required to be listed on the following: Canadian DSL, Australian AICS, Japanese ENCS, Chinese IECS, Korean KECL, Philippine PICCS, and the European EINECS.

### STORAGE AND HANDLING:

It is recommended that product stored in the warehouse be used on a first-in first-out basis. Containers should be kept tightly closed. Protect from freezing (40°-90°F.) Avoid contact with skin and eyes. Use with adequate ventilation.

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The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed.  
Tiarco Chemical makes no claims or warranties concerning the suitability of the product for a particular use or purpose.

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