

### FUNCTIONAL CERAMAX FLUID

#### Industrial Liquid Boron Nitride EP Additive

##### APPLICATION:

**FUNCTIONAL CERAMAX FLUID** is a convenient and stable liquid form of boron nitride for improved extreme pressure performance and load wear characteristics. Boron nitride is a low color and high temperature alternative to graphite, molybdenum disulfide, or other dark discoloring EP chemistries. Unlike other **CERAMAX** products, **CERAMAX FLUID** is not NSF HX-1.

##### COMPOSITION:

**FUNCTIONAL CERAMAX FLUID** is a liquid preparation of boron nitride for extreme pressure lubricants in a solvent mixture.

Typical Properties	
Appearance	Liquid
Color (ASTM D1500)	≤ 2.0
Odor	Strong
Lbs. per Gallon	7.4 – 7.5
Flash Point (ASTM D92)	125°C / 257°F
Typical Kinematic Viscosity (ASTM D445)	60 cSt @ 40°C
wt% Boron Nitride, Effective	25wt% typical

##### TREATMENT LEVEL:

The recommended treatment level of **FUNCTIONAL CERAMAX FLUID** is 1wt%. Exact treat rate must be determined by the formulator.

4wt% **FUNCTIONAL CERAMAX FLUID** technically replaces 1wt% of **FUNCTIONAL CERAMAX** powder though other additives and packages may influence the final performance. The liquid form and synergistic solvent system may provide extra efficiency vs. equivalent wt% boron nitride delivered by **FUNCTIONAL CERAMAX** powder.

##### HANDLING:

See current Safety Data Sheet before use. Wear proper personal protective equipment.

Store in a dry and temperature regulated area. Avoid freezing.

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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