

FUNCTIONAL AW-487

ANTI-WEAR ADDITIVE FOR WATER BASED LUBRICANTS

APPLICATION:

FUNCTIONAL AW-487 is an anti-wear and lubricity additive designed for use in lubricants containing a significant amount of water. **FUNCTIONAL AW-487** contains no phosphorus, chlorine, or heavy metals and can be used in environmentally sensitive applications. Its primary use is in water-glycol hydraulic fluids.

COMPOSITION:

The active ingredient in **FUNCTIONAL AW-487** is a blend of sodium salts of organic carboxylic acids diluted in water.

Typical Properties	
Appearance	Clear light yellow liquid
Odor	Mild soap-like odor
Specific Gravity	1.1
Lbs per Gallon	9.2
Flash Point	Boils at 100°C
Kinematic Viscosity	4 cSt at 40°C
pH	8.5 - 9.5

TREATMENT LEVEL:

The recommended treatment level range for water containing lubricants is 0.5 – 2.0%, depending upon the operation.

HANDLING:

AW-487 is an easily handled liquid and any convenient technique may be used for blending. Do not store in an unclosed container. Water loss due to evaporation will cause a partial solidification of the product. Please practice safe handling precautions; see the current Safety Data Sheet.

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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