

Manufactured by Dover Chemical Hammond Works • 300 Sheffield Avenue, Hammond, IN 46327, USA, under license from Brautek LLC

Product Data Sheet

NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

AFTON SYNTHETIC BLEND

Afton Synthetic Blend es un fluido de corte, emulsionable en agua. Es una mezcla sintética libre de nitritos, especialmente desarrollada para operaciones de molienda y mecanizado de acero y hierro fundido, dando un alto nivel de acabado superficial. Afton Synthetic Blend presenta una emulsión opalescente altamente estable. Su funcionamiento en tiempo de vida es mucho más largo que los productos convencionales. Es totalmente anticorrosivo a concentraciones del 3%, dando una excelente protección a las máquinas y sus piezas. Afton Synthetic Blend, debido a su alta potencia hidratante, mejora significativamente la refrigeración del área de corte y mantiene las máquinas limpias de micro-chips procedentes del mecanizado y la molienda.

Recommended applications

*To prepare the emulsions of **Afton Synthetic Blend**, it is necessary to use potable water of a maximum hardness of 30°HF and that the chloride content does not exceed 0.2 gr./l.*

*To get a good emulsion, it is advisable to pour the **Afton Synthetic Blend** on the water and shake. The water should not be poured over the **Afton Synthetic Blend**.*

*The concentration of use is 2 - 6%, depending on the operation and water used. We advise you to follow the instructions indicated below:-
Machining of steels: 3 -5%- Casting machining: 3%- Grinding of steels: 2 -3%- Grinding of foundry: 3%- Machining of alloyed steels: 4 - 6%*

Physical Properties

<i>Emulsion color</i>	<i>Opalescent</i>
<i>pH at 3% in distilled water</i>	<i>9.2 – 9.7</i>
<i>Nature</i>	<i>Synthetic Blend fluid</i>
<i>Corrosion paper 3%, in water 25°HF</i>	<i>None</i>
<i>Nitrite content</i>	<i>None</i>
<i>Refraction factor</i>	<i>2.88</i>

Shelf Life: *Product shelf life is 5 years from the date of manufacture, after which the product should be recertified prior to use.*