



## **Hypax TP 10**

Calcium soap of oxidised wax in oil

### **Product description**

Hypax TP 10 is a calcium soap of Hypax 450 oxidate which has been in use for many years as an ingredient in preservatives for the protection of precision parts in hostile environments. The absence of solvent allows for the formulation of products used in environments where low flash point products are unacceptable.

Hypax TP 10 can be used as a base to formulate products to meet spec. MIL-C-11796 CLASS 3. High active products (low VOC) and hot melt preservatives can readily be formulated. Hypax TP 10 is a major component in wire rope lubricants exposed to severe salt-water atmospheres.

### **Typical analysis**

Property	Test	Units	Typical Analysis
Appearance	Visual		Soft brown solid
Non volatile content	1 hour @ 150°C	% w/w	98.0
Melting point	ASTM D127	°C	50
Melting point (dry soap)	ASTM D127	°C	115-135
Flash point	ASTM D92	°C	> 180
Relative density	@15.5°C		0.92
Ca content		%w/w	1.30

### **Application**

Hypax TP 10 is usually blended with barium, sodium or calcium sulphonates, oil and/or solvent and for enhanced water displacement 1 or 2% of 2-butoxyethanol (CAS no. 111-76-2). For wire rope lubricants Hypax TP 10 is combined with colloidal graphite and sodium molybdenum disulphide dispersions, along with polybutenes.

### **Packaging**

Hypax TP 10 is available in 170Kg net weight steel drums or as required by the customer. The recommended shelf life of this product is 2 years.

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