



## 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 a preservative for the protection of precision metal parts in hostile environments.

Hypax TP10 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 safely due to the absence of any low flash solvents.

Hypax TP 10 is a major component in wire rope lubricants exposed to severe salt water atmospheres.

### Typical analysis

Property	Test	Units	Analysis
Appearance	Visual		Soft brown solid
Non volatile content	1 hour @ 150	% w/w	98.0
Melting point	ASTM D - 127	°C	50
Melting point (Dry soap)	ASTM D - 127	°C	115-135
Flash point	ASTM D - 92	°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 170 Kg net weight steel drums or 900kg IBCs. The recommended shelf life of this product is 2 years.

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