

STATERMIC XHT



Grease



Synthetic grease with Fluor compounds.

APPLICATIONS

- Special grease formulated with fluorinated components for use in applications working under high temperatures and medium to heavy loads.

SPECIFICATIONS

- ISO 6743-9: L-XBGDB-2
- DIN 51502: KFKP2U-25

ADVANTAGES

- **STATERMIC XHT** has been formulated with synthetic components which reduce the friction coefficient of most plastic and metal materials.
- The rheology of the structure has been adapted in such a way to obtain a extended application at temperatures up to 250 °C with peak temperatures up to 270 °C. The starting torque at - 25 °C is very low.
- The stability of the chemical structure of the components ensure a compatibility with most of the plastic and metal materials used in the industry (except fluorinated components).
- The very high cohesion of the structure, its excellent resistance to temperature and chemical products, its low volatility contributes to a very long life time of the **STATERMIC XHT**.

TYPICAL CHARACTERISTICS	METHODS	UNITS	STATERMIC XHT
Color / appearance			White/Homogeneous
Base oil viscosity at 40 °C	ASTM D 445	mm ² /s	147
Worked penetration W 60 at 25°C	ASTM D 217	mm/10	265 - 295
Worked penetration 100.000 strokes	ASTM D 217	change	< 15
Dropping point	NF T 60 102	°C	> 300
Oil separation 149°C/30 Hrs.	FTMS 791 - 321	%	< 6
Evaporation 149 °C/22 hrs./120 l/hr air	ASTM D 972	%	< 0.4
Four ball weld load	ASTM D 2596	daN	800
Operating temperature range		°C	- 25 to 250

Above characteristics are mean values given as an information.