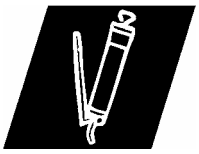
STATERMA SP2



Grease

STATERMA SP2 is a lubricating grease based on organophilic bentonite and synthetic oils.

APPLICATIONS

- **STATERMA SP2** has been designed for lubricating any type of machinery not under mechanical load but at extreme temperatures.
- The service temperature range is from - 40 °C to + 150 °C, depending on the stresses applied to the installation.
- **STATERMA SP2** is also suitable for applications where a good electrical conductibility is required.

ADVANTAGES

- At high temperature, **STATERMA SP2** has outstanding ability to resist oxidation, even in the presence of coper and its alloys.
- **STATERMA SP2** shows remarkable cohesion that prevents too much oil separation, even when hot.
- At low temperature, **STATERMA SP2** retains a workable consistency and is therefore operational down to - 40 °C in certains circumstances.

TYPICAL CHARACTERISTICS	METHODS	UNITS	STATERMA SP2
Appearance	Visual		Smooth
Colour	Visual		Greenish-grey
Base oil			
Nature			Synthetic
Viscosity at 40 °C		mm^2/s	48
Thickening agent			
Nature			Organophilic bentonite
Drop point	NF T 60 102	°C	> 300
Consistency			
Worked penetration at 25 °C	NF T 60 132	mm/10	265 / 295
Resistance to oxidation			
Hoffmann Norma test	ASTM D 942	psi	- 2/100 h
More stringent Hoffmann Norma test (with brass)	Base ASTM D 942	psi	- 3/100 h
Corrosion of copper and alloys			
Corrosion of copper 24 h at 100 °C	ASTM D 4048	quootation	1b
Corrosion of brass on VALEO cams (24 h at 100 °C)	Base ASTM D 4048	quootation	No change in appearance
Stability in storage			
Sweating 30 h at 100 °C	AIR 1650 A	%	2
Properties at low temperature			
Non-worked penetration at - 40 °C	NF T 60 171	mm/10	160
Measurement of torque at - 40 °C	ASTM D 1478		
- starting		g.cm	1100
- after 1 hour		g.cm	100
Electrical resistivity 14 V, 2mA, 25 °C, 2mm	CEI 247 mod.	ohm.m	$1.7.10^8$

Above characteristics are mean values given as an information.