STATERMIC NR

Grease

Special grease formulated with fluorinated fluid and PTFE for use in high temperatures and/or where solvent or acid vapors are present.

APPLICATIONS

- **STATERMIC NR** is used:
  - on all bearings and components exposed to solvent or acid vapors, or radiation,
  - on all bearings exposed to temperatures reaching 300 °C intermittently and 250 °C continuously,
  - wherever equipment deterioration is observed, resulting in production stoppage and frequent use of spare parts.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

SPECIFICATIONS

- The formulation of **STATERMIC NR** complies with FDA Chapter 21 CFR, 178.3570.
- **STATERMIC NR** is NSF-H1 registered: n° 139823
- **STATERMIC NR** is Halal
- ISO 6743-9 : L-XBGDB-2 DIN 51502 : KFKP2U-25.

ADVANTAGES

Resistant to radiation
Resistant to strong acids and oxidizing agents
Thermal and chemical stability

- Chemical stability: **STATERMIC NR** is very stable when in contact with strong and weak acids, alcohols, halogens, oxidizing agents. **STATERMIC NR** can be used with liquid oxygen and fuming nitric acid.
- Thermal stability: **STATERMIC NR** is very resistant to heat and oxidation.
  Solubility: **STATERMIC** does not undergo alteration in the presence of polar or non-polar organic solvents.
  Caution: **STATERMIC NR** is soluble in highly fluorinated fluids.
- **STATERMIC NR** demonstrates a very high resistance to radiation (UV, Gamma,…).

TYPICAL CHARACTERISTICS	METHODS	UNITS	STATERMIC NR
Colour			White
Aspect			Homogeneous
Drop point	ASTM D 566	°C	> 300
NLGI grade	ASTM D 217/DIN 51818		2
Penetration at 25 °C	ASTM D 217	1/10 mm	265 - 295
Oil blending 7 days at 40 °C	IP 121	% masse	3
4 ball welding load	ASTM D 2596	kg	800
Base oil viscosity at 40 °C	ASTM D 445	mm^2/s	375
Operating temperature range		°C	- 25 to + 250

Above characteristics are mean values given as an information.