# 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.