

PRODUCT DATA SHEET



SYN-UREA Food Grade 2

Synthetic Grease with Polyurea Thickener

FG
FOOD GRADE

SYN-UREA Food Grade is formulated specifically to meet the demands of commercial bakeries, food production facilities, as well as packaging and beverage industries.

The synthetic base oil and additives provide outstanding protection from corrosion and wear.

The organic polyurea thickener does not contain metallic ions that can act as catalysts for oxidization, extending its effective service life up to 50% longer than greases with conventional thickeners.

SYN-UREA' Food Grade's service temperature range from (sub-zero to 320°F) and its high speed factor of 500,000 nDm make it ideal for electric motor bearings designed to be "lube for life", and is appropriate in a diverse variety of applications. It is also fully compatible with current polyurea thickened greases

| Properties / Characteristics | SYN-UREA Food Grade |
|--|---------------------|
| NLGI Grade | 2 |
| Color | Tan |
| Service Temperature Range | -22°F to 320°F |
| Base Oil | Synthetic Esters |
| Viscosity @40°C, cSt @100°C, cSt | 150 15 |
| Base Oil Viscosity Index | 100 |
| Thickener | Polyurea |
| Drop Point | >482°F |
| Penetration (Worked 60 Double Strokes) | 265-295 |
| Oil Separation | <3% |
| Water Wash-Out Loss | <7.0% |
| 4 Ball Wear Scar (mm) | 0.50 |
| Weld Load | 160kg |
| Copper Corrosion Test | 1b |
| Corrosion Preventative Properties EMCOR | 1 |
| NSF Registered H1 | (#pending) |



Nonfood Compounds
Program Listed: H1
Registration