



G. BESLUX ATOX TF/S

HIGH PERFORMANCE FOOD GRADE LUBRICANT
SYNTHETIC BASE OIL AND PTFE



Nonfood Compounds
Program Listed H1
(Registration # 134352)

DESCRIPTION

High performance lubricant formulated with high thermal resistant synthetic oil. Providing high chemical stability, resistance to aging and high lubricating capacity. Contains PTFE solid lubricants obtaining low friction coefficient.

APPLICATIONS

- Any kind of mechanisms working under a wide range of temperatures: from -40°C up to 180°C.
- Bearings working at high temperature: 180°C (peak 200°C)
- Slide bearings, pins, chains, articulations and any type of mechanisms in the food industry
- Medium – high speed hearings: VF = 500.000
- Lubrication of plastic-plastic and plastic-metal contacts
- Oven bearings in the food industry
- Any kind of mechanism requiring lubricants with PTFE containing solid lubricants

ADVANTAGES

- Outstanding thermal stability
- High lubrication capacity
- Long life solid lubricants “Teflon®”
- Good compatibility with elastomers and plastic materials
- Food Grade Grease. It is approved at the NSF H-1 class (formerly USDA H-1), with the 134352 registration number.

CAUTIONS

- Take the normal precautions in employment and handling of lubricating products.
- Avoid mixing this grease with others of a different nature.
- Keep closed containers to avoid contamination
- There is available the MSDS of the product according to the effective European normative.

PHYSICAL - CHEMICAL CHARACTERISTICS

Colour	White
Thickener, soap type	Inorganic
Worked penetration 60W, (0,1mm)	250 – 280
Drop point, (°C)	Min. 300
4-Ball-test : - Welding load, (kg) - Wear scar diameter 1h/ 40 kg, (mm)	Min. 250 Max. 0,6
EMCOR corrosion test	Max. 0/0
Copper strip corrosion 24h/100°C	Max. 1 b
Oxidation stability 100h/100°C, (bar)	Max. 0,5
Evaporation loss 22h/100°C, (%)	Max. 1
Water resistance at 90°C	Max. Grade 1
Oil separation 7d/40°C, (%)	Max. 3
Operating temperature, (°C)	-40 to 180

19/11/2009
Page 1 / 1