

Description

High Performance H1 Synthetic Grease + PTFE

WS 2020 S is a 100% synthetic base grease with additives that enhance its properties for long-term lubrication in harsh environmental conditions.

Formulated with a high-temperature resistant inorganic thickener. Contains PTFE.

Suitable for use in the food, pharmaceutical and cosmetic industries.

Features

- Working temperature range from -25 to +200°C. It can withstand temperatures exceeding 250°C without losing its structure with frequent relubrication.
- Excellent adhesion and resistance to cold and hot water, salt water and vapour.
- Protects against corrosion.
- Very high resistance to aging and shear. Prevents the formation of gummy residues.
- High resistance against load-bearing and extreme pressure.
- Thanks to its properties it decreases the greasing shifts.
- Suitable for its use in food, pharmaceutical and cosmetic industries.

Applications

- Chains.
- Slide guides.
- Cables.
- Long-term lubrication in harsh working conditions: high temperatures, humidity, vapours, high loads and pressures. Thanks to its properties, it allows for extended lubrication intervals.
- Bearings and plain bearings operating at medium speeds in harsh environmental conditions up to a speed factor of approximately 500.000 (Speed factor: Bearing average diameter in mm x speed in rpm).

How to use

- Shake the aerosol for at least 1 minute.
- Purge the aerosol after use:
 1. Press the nozzle with the can upside down for a few seconds.
 2. Hold until only gas is expelled.

This way the grease from the tube and nozzle will be cleaned preventing possible blockages when using the aerosol.

- Sealed bearings should be filled to a maximum of half their capacity.
- Avoid mixing with other types of grease if possible.

Certifications/Specifications

- **H1 Certified** for use in the food industry: suitable for incidental contact with food in processing areas.
- ISO-L-XBGB 2.

Technical Data (Without Propellant)

Feature	Unit	Typical Value	Norm
Reference	----	WS 2020 S	----
State	----	Grease	----
Colour	----	White	----
Base Oil	----	Synthetic	----
Base Oil Viscosity at 40°C	mm ² /s	400	ASTM D-445
Penetration at 25°C	mm x 10 ⁻¹	280	ASTM D-217
NLGI	----	2	----
Operation Range	°C	-25 a +200	----
Drop point	°C	N/A	----
Welding load, 4 ball	Kg	160	ASTM D-2596
Corrosion in bearings	----	1-1-1 (w/o corrosion)	ASTM D-1743
Consistency loss	mm x 10 ⁻¹	-33	ASTM D-1831