

Description

H1 Multifunctional Grease

WS 2001 G is a long-lasting semi-synthetic general lubricating grease that withstands high loads and harsh environmental conditions. Formulated with additives and solid lubricants to enhance performance and a complex soap thickener with high temperature resistance.

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

Features

- Excellent adhesion and sealing properties, allowing for extended lubrication intervals, even in the presence of cold or hot water, salt water and water vapour.
- Protects against corrosion.
- Works from -20 to +130°C and can withstand temperatures up to 150°C.
- High resistance to aging and shear.
- High load-carrying and extreme pressure capacity.
- Good performance in centralized lubrication systems.

Applications

- Grease especially suitable for the lubrication of open or closed points under harsh operating conditions: exposure to ambient humidity, vibrations, vapours, dirt, high loads and pressures. Its properties allow 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: Average bearing diameter in mm x speed in rpm).
- Especially suitable for use in bottling plants, food packaging plants (sealing machines in the canning industry and fruit and vegetable warehouses), granulators, wastewater treatment plants, etc.

How to use

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

Certifications/Specifications

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

Technical Data

Feature	Unit	Typical Value	Typical Value	Norm
Reference	----	WS 2001 G/82	WS 2001 G/85	----
Appearance	----	Liquid Grease	Grease	----
Colour	----	Ivory	Ivory	----
Base oil	----	Semi-synthetic	Semi-synthetic	----
Penetration at 25°C	mm x 10 ⁻¹	415	284	ASTM D-217
NLGI	----	00	2	----
Operation temp. Range	°C	-20 a +130	-20 a +130	----
Drop point	°C	210	250	ASTM D-566
Welding load, 4-ball	Kg	315	315	ASTM D-2596