



# **GP 325 H** ULTRAWHITE GREASE PASTE

smartGLEIT GP 325 H is a homogenous, white grease paste, based on a high purity synthetic oil and a high content of triboreactive, microWHITE solid lubricants.

#### **Product Features**

The type and size of solids in smartGLEIT GP 325 H are especially selected for high pressure resistance, optimised lubricity and prevention of fretting corrosion in applications which are running under mixed-friction conditions. The formulation with relatively small particles enables a very smooth grease paste, which is especially beneficial for precision mechanics.

- Constant, low friction values;
- High adhesion level;
- High pressure resistance;
- Prevents fretting corrosion;
- Light coloured, clean use;
- Well suited for non-ferrous metals;
- KTW-approved;
- No hazmat labels required;

### **Applications - Examples**

- smartGLEIT GP 325 H offers excellent lubrication for mixed friction contacts, especially with oscillating movements and vibrations.
- smartGLEIT GP 325 H is recommended when other greases are reaching their limits. This applies to a wide variety of material combinations (steel, stainless steel, non-ferrous metals such as aluminum, brass, etc.).
- Typical Applications:
  - Stainless steel screws no seizure, low friction values, low scatter
  - Small gears
  - Spindle drives (actuators, adjusting elements)
  - Keyed connections (e.g. splined shafts, keyways)
  - Joint bearings
  - Slide bearings (also with non-ferrous metals)
  - Rack-and-pinion gears, gearings, etc.

#### **Instructions For Use**

- smartGLEIT GP 325 H can be applied by means of grease guns, automatic dosing equipment (suited for pasty products with solids content) and also manually by spatula, lint-free cloth, brushes or the like.
- Clean surfaces before application.
- Do not mix with other lubricants.





## Typical Properties – smartGLEIT GP 325 H

TEST/FEATURE	STANDARD/PA- RAMETER	UNIT	GP 325 H
Colour		—	white
Base Oil		—	synthetic oil
Service Temperature		° C/°F	-25 to 110 / -13 to 230
Density	DIN 51757	g/cm <sup>3</sup>	~ 1.1
Penetration	DIN 51804, Bl. 1	mm/10	265 - 295
NLGI Class	DIN 51818	—	2
Screw Test	M12 / 8.8		~0.1
Brugger - Value	DIN 51347	MPa	> 80
SRV - P/K 100Cr6	DIN 51834	Friction Value $\mu$	0.1
EMCOR	DIN 51802	—	0
Water Resistance	DIN 51807	—	0 - 90
Usable Life (Closed Original Container)		months	36
Available Packaging		250 g 400 ml 500 g 1 kg 5 / 25 / 200 kg	can, 12 per box cartridge plastic can plastic can, 6 per box plastic pail/drum
Handling Instructions		_	see SDS

The information given and the recommendations made herein reflects our current knowledge and can only provide a first overview. The given values are not eligible for creating specifications. We reserve the right to make changes based on technical developments or changes in legislation. Due to the wide range of possible applications and operating conditions, the product information can only be indicative of possible applications. Therefore, no binding liability and warranty claims can be derived. In any case we strongly recommend to carry out tests before use and thus determine if the product is meeting all requirements and expectations.