



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/PARAMETER	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 ³	~ 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 μ	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