



GP 355

WHITE SPECIAL GREASE PASTE

smartGLEIT GP 355 is a homogenous, highly water resistant grease paste, based on a combination of mineral- and synthetic oil, a high content of triboreactive, microWHITE solid lubricants and adhesion improvers.

Product Features

smartGLEIT GP 355 offers excellent lubrication for mixed friction contacts, especially with oscillating movements and vibrations at low sliding speeds and high loads. GP 355 features good adhesion and good corrosion protection.

The type and size of solids in smartGLEIT GP 355 are especially selected for extremely high pressure resistance, optimised lubricity and prevention of fretting corrosion in applications which are running under mixed-friction conditions.

- Constant, low friction values — even under extreme conditions
- Very high pressure resistance
- High adhesion strength
- Prevents fretting corrosion very effectively
- Good Corrosion protection and high water resistance
- Light coloured, clean use
- Suitable for longterm lubrication
- Well suited for non-ferrous metals

Instructions For Use

- smartGLEIT GP 355 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.

Applications - Examples

- smartGLEIT GP 355 is recommended when very good water resistance is required or other greases are reaching their limits and specialised lubrication pastes like LP 430 are not ideal due to their higher solids content. This applies to a wide variety of material combinations (steel, stainless steel, non-ferrous metals such as aluminum, brass, etc.).
- Typical Applications:
 - Clamping elements, e.g. chucks
 - Stainless steel screws - no seizure, low friction values, low scatter
 - Small gears
 - Spindle drives (actuators, adjusting elements)
 - Slide ways, guides
 - Clamping elements (chucks)
 - Keyed connections (e.g. splined shafts, keyways gear couplings)
 - Joint bearings; slide bearings (also with non-ferrous metals)

Typical Properties – smartGLEIT GP 355

TEST/FEATURE	STANDARD/PARAMETER	UNIT	GP 355
Colour		—	white
Base Oil		—	mineral oil / synthetic oil
Viscosity @ 40°C	DIN 51805	mm ² /s	~300
Service Temperature		° C/°F	-20 to 120 / -4 to 248
Density	DIN 51757	g/cm ³	~ 1.1
NLGI Class	DIN 51818	—	2
Brugger - Value	DIN 51347	MPa	> 150
Screw Test	M12 / 8.8		~0.09
EMCOR	DIN 51802	—	0/0
Water Resistance	DIN 51807	—	0 - 90
Usable Life (Closed Original Container)		months	36
Available Packaging	—	250 g 500 g 1 kg 5 / 25 / 200 kg	can, 12 per box cartridge, 20 per box plastic can, 6 per box plastic pail/drum
Handling Precautions	—	—	see SDS