



GP 350

ALL-ROUND HIGH PERFORMANCE PASTE

smartGLEIT GP 350 is a homogenous, light coloured grease paste, based on mineral oil, a high content of triboreactive, microWHITE solid lubricants and adhesion improvers.

Product Features

smartGLEIT GP 350 offers excellent lubrication for mixed friction contacts, especially with oscillating movements and vibrations at low sliding speeds and high loads. GP 350 features good adhesion and good corrosion protection.

The type and size of solids in smartGLEIT GP 350 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 level
- Prevents fretting corrosion very effectively
- Good Corrosion protection and high water resistance
- Light coloured, clean use
- Suitable for longterm lubrication

Instructions For Use

- smartGLEIT GP 350 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 350 is recommended when 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:
 - 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)
 - Joint bearings; Slide bearings (also with non-ferrous metals)
 - Rack-and-pinion gears, gearings, etc.

Typical Properties – smartGLEIT GP 350

TEST/FEATURE	STANDARD/PARAMETER	UNIT	GP 350
Colour		—	white/creme
Base Oil		—	mineral oil
Viscosity @ 40°C	DIN 51805	mm ² /s	180
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	> 130
Screw Test	M12 / 8.8	μ	~ 0.09
SRV - P/K 100Cr6	DIN 51834	μ	~ 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	plastic can; 12 per box cartridge, 20 per box plastic can, 6 per box plastic pail / Drum
Handling Precautions	—	—	see SDS