



LP 430

WHITE LUBRICATION & ASSEMBLY PASTE

smartGLEIT LP 430 is a homogenous, light colored lubrication paste, based on mineral oil and a high content of synergistic, smartWHITE solid lubricants.

Product Features

The type and the concentration of solid lubricants was chosen so that smartGLEIT LP 430 can replace black assembly pastes in many cases. LP 430 is clearly superior to most black mounting pastes when it is necessary to bear shock loads and oscillating movements. The load carrying capacity is extraordinarily good, the risk of fretting corrosion is minimised and the lubricating properties are optimised.

- Light coloured and thus clean in application and use
- Very high load carrying capacity
- Constant, low friction values
- Good release properties up to 200 °C/395 °F
- Good corrosion protection and high water resistance
- Also suitable for use with non-ferrous metals

Applications - Examples

- smartGLEIT LP 430 is especially well suited for assembly purposes as well for break-in of slow running machine elements under high loads. LP 430 is also suited for non-ferrous metals and stainless steels.
- Typical Applications:
 - Assembly and running-in of various machine elements (e.g. joint bearings, bolts, pins, wheels, etc.)
 - Bushings and bolt connections (e.g. at cranes, excavators, etc.)
 - Gear couplings and splined shafts
 - Release agent for cold forming processes up to 200 °C / 395 °F
 - Facilitates shrink-fit connections, e.g. bearing seats
- Note:
 - Before using the product in serial/practical applications, customers tests to ensure that the product is meeting all requirements for the intended end use have to be performed.

Instructions For Use

- smartGLEIT LP 430 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 lubricants of different oil base or check compatibility upfront application!
- smartGLEIT LP 430 might be dispersed with organic solvents (e.g. white spirit) for coating of bulk parts.

Typical Properties – smartGLEIT LP 430

TEST/FEATURE	STANDARD/ PARAMETER	UNIT	LP 430
Colour		—	off-white
Base Oil		—	mineral oil
Viscosity @ 40 °C / 104 °F	DIN 51805	mm ² /s	70
Service Temperature		° C / °F	-25 to 110 / -13 to 230*
Density	DIN 51757	g/cm ³	1,3
NLGI Class	DIN 51818	—	2
Brugger - Value	DIN 51347	MPa	~140
Screw Test - Friction Value μ	M10x50-A4 / Ma = 40 Nm	—	~0,08
Water Resistance	DIN 51807	—	0 - 90
Corrosion Protection/EMCOR	DIN 51802	—	0
Minimum Shelf Life		months	36
Available Packaging		250 g 500 g 1 kg 5 kg/25 kg 200 kg	plastic can – 12 per box cartridge - 20 per box can – 6 per box pail Drum
Handling Precautions			pls. see SDS

*up to 200 °C / 392 °F when used as release agent