



LF 110

THE 4 IN 1 LIQUID TOOL

smartGLEIT LF 110 is a bio-degradable lubrication fluid and rapid-action penetrating agent. It ideally incorporates corrosion protection, rust loosening, cleaning and lubrication - It is a premium multi purpose lubricant.

Product Features

smartGLEIT LF 110 is formulated with a specially selected, bio-degradable base oil and an exactly adapted additive package. For best penetration properties a small amount of alcohol is solved in LF 110.

- LF 110 combines highest possible environmental compatibility with outstanding product performance
- Extraordinary high penetration properties
- Rapid action for freeing stuck corroded, seized or burnt machine elements
- Outstanding cleansing power
- Excellent lubrication performance
- Water repellent
- Corrosion protection
- Bio-degradable base oil, non toxic
- Environmentally friendly solvent

Product Applications

- The predominant field of application is to penetrate and to free stuck corroded parts, e.g. bolts, nuts, hinges, valves and other mechanical elements.
- smartGLEIT LF 110 is working as water repellent and for lubrication and corrosion protection of machine elements - it may be used in all areas, where typically oil can lubrication is required.
- The special formulation of LF 110 provides outstanding cleansing power - perfect for cleaning and conservation of mechanical parts in one step.
- The high lubricity of LF 110 makes it a multi purpose lubricant for bicycle chains, textile machinery, springs, locks, hinges, levers, components of transport and conveyor equipment, automatic filling units, instruments and all types of packaging equipment.
- It is water repellent on electrical components such as regulators, connectors, distributors...

Instructions for Use

- smartGLEIT LF 110 can be applied using brushes, dosing systems or spraying systems. For any purpose just apply on the mechanical element which should be lubricated, cleaned, conserved, or loosened.
- Allow some working time for maximum performance e.g. on badly corroded parts. Repeat if necessary. The solvent, added for max. penetration and cleaning performance, has to evaporate before best lubricity is reached.
- When used for cleaning, mechanical support (brush, cloth or the like) may increase the performance.

Typical Properties smartGLEIT LF 110

TEST / FEATURE	STANDARD / PARAMETER	UNIT	LF 110
Appearance	visuell	—	clear, green liquid
Density	DIN 51757	g/cm ³	~0,8
Flash Point*	DIN EN 57	°C / °F	> 12 / >54
Service Temperature	—	°C / °F	-20 – +80 / -4 – +176 °F
Corrosion Protection	DIN 50017	cycles	14
Usable Life — From Date of Delivery		months	12
Available Container Sizes	—	—	400 ml aerosole
Handling Precautions	—	—	see SDS

*) LF 110 may ignite when spraying on hot surfaces or in presence of sparks due to organic solvent content. Please observe the corresponding safety regulations!