



# LF 115

## THE 3 IN 1 LUBRICATION FLUID

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smartGLEIT LF 115 is based on bio-degradable base oils and colloidal, light coloured solid lubricants. LF 115 incorporates lubrication, rust loosening and corrosion protection - a 3 in 1 product.

### Product Features

smartGLEIT LF 115 meets the requirement 'One product for three applications':

- Loosening of stuck corroded parts (e.g. screws or joints)
- Best lubrication of machine elements
- Conservation of metal parts and machines

smartGLEIT LF 115 yields a thin, barely visible lubrication film with high capillarity. By means of the light coloured, colloidal solid lubricants, LF 115 is showing unique lubrication and anti-wear properties. Especially with oscillating loads at mixed friction, LF 115 performs usually far better than common, even higher viscous lubrication oils.

- LF 115 contains bio-degradable base oils and is non toxic.

### Product Applications

- smartGLEIT LF 115 is used for thin-film lubrication of machine elements, which need highly effective but environmentally friendly lubrication. It may be used in all areas, where typically oilcan lubrication is required.
- The low viscous oil of high capillarity makes LF 115 great for freeing stuck corroded elements (like screws) and for general conservation.
- The high lubricity of LF 115 makes it a multi purpose lubricant for
  - joints, chains, cables, textile machinery, springs, locks, hinges, levers, components of transport and conveyor equipment, automatic filling units, instruments and all types of packaging equipment.

### Instructions for Use

- smartGLEIT LF 115 can be applied by means of (automatic) dosing systems or manually (spraying, dropping, immersion, brushing).
- Please shake well before use (or stir as appropriate)
- Allow some working time for maximum performance e.g. on badly corroded parts. Repeat if necessary.
- When used on plastics or elastomers, please check the compatibility of lubricant and material before application.

## Typical Properties smartGLEIT LF 115

TEST / FEATURE	STANDARD / PARAMETER	UNIT	LF 115
Appearance	visual	—	clear, green liquid
Base Oil	—	—	bio-degradable ester
Viscosity	DIN 51562, T1	mm <sup>2</sup> /s	25
Density	DIN 51757	g/cm <sup>3</sup>	~0,9
Flash Point*	DIN EN 57	°C / °F	> 200 / 392
Service Temperature	—	°C / °F	-20 – +100 / -4 – +212 °F
Corrosion Protection	DIN 50017	cycles	14
Usable Life — From Date of Delivery		months	12
Available Container Sizes	—	—	on request
Handling Precautions	—	—	see SDS