



# LF 115

THE 3 IN 1 LUBRICATION FLUID

#### **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.

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 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 esther
Viscosity	DIN 51562, T1	mm²/s	25
Density	DIN 51757	g/cm3	~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

The information given and the recommendations made herein reflects our current knowledge and can only provide a first overview. The given values are not eligible for creating specifications. We reserve the right to make changes based on technical developments or changes in legislation. Due to the wide range of possible applications and operating conditions, the product information can only be indicative of possible applications. Therefore, no binding liability and warranty claims can be derived. In any case we strongly recommend to carry out tests before use and thus determine if the product is meeting all requirements and expectations.