



LF 115

THE 3 IN 1 LUBRICATION FLUID

microGLEIT 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

microGLEIT 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

microGLEIT 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

- microGLEIT 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 oil can 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

- microGLEIT 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 microGLEIT LF 115

| TEST / FEATURE | STANDARD / PARAMETER | UNIT | LF 115 |
|-------------------------------------|----------------------|--------------------|-----------------------------|
| Appearance | visual | — | clear, green liquid |
| Base Oil | — | — | bio-degradable ester |
| Viscosity | DIN 51562, T1 | mm ² /s | 25 |
| Density | DIN 51757 | g/cm ³ | ~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 | — | — | 30 l closed head steel pail |
| Handling Precautions | — | — | see SDS |