



LF 155

PREMIUM CHAIN LUBRICANT

smartGLEIT LF 155 is a combination of a specially selected adhesive oil, high performance grease, smartWHITE solid lubricants and additives. LF 155 shows a high performance level in all chain relevant aspects.

Product Features

smartGLEIT LF 155 combines all features which make a perfect chain lubricant:

- High capillarity for good penetration into chain links, rolls, etc.
- Very good adhesion keeps the lubricant in place — even for high chain speed.
- Excellent lubricity for low friction and anti-wear properties especially under oscillation load.
- Water Resistant - also good resistance against acids and alkalis.
- Ease of application – the organic solvent makes it easy to apply the fluid and facilitates good film building.
- LF 115 extends lubrication intervalls
- Light coloured
- Suitable for O-Ring and X-Ring chains

Product Application

smartGLEIT LF 155 is developed for lubrication of chains, cables and sliding contacts which require good adhesion, anti-wear properties, water resistance and high capillarity.

- Chains of all kind
 - roller-, bush, gall-chains, ...
 - x-ring-, z-ring-, o-ring-chains
- Wire cables
- Sliding guides, slipways, ... which need a lubricant with good bonding to the surface (extremely low fling).

Instructions for Use

- smartGLEIT LF 155 is supplied as bulk ware and aerosol (400 ml)
- Please shake/stir well before use (aerosol/bulk ware)
- Following application methods are possible:
 - Spraying with spray can (aerosol),
 - Dip-Coating,
 - ‚Oil can‘ lubrication,
 - Automatic dosing.
- After application it takes about 30 minutes until the fluid has penetrated all rolls and links and the solvent has evaporated and full performance is achieved.
- Ideally LF 155 is applied on the unloaded chain (fluid can penetrate into gaps between links).

Typical Properties smartGLEIT LF 155

Test / Feature	Standard/ Parameter	Unit	LF 155
Appearance (As Delivered)	visuell	—	beige
Base Oil	—	—	semi-synthetic
Viscosity	DIN 53211, 3 mm	mm ² /s	16 – 26
Density (As Delivered/ Applied)	DIN 51757	g/cm ³	0,8/0,95
Flashpoint (As Delivered)	DIN EN 57	°C	> 27 / 80 (A II)
Service Temperature	—	°C / °F	-15 to +125 / 5 to 257
Water Resistance	DIN 51802		0-90
Corrosion Protection (EMCOR)	DIN 51802	—	0/0
Usable Life		months	12
Available Container Sizes		5 l / 30 l / 120 kg	steel pail
Handling Precautions	—	—	F+; Xn; – see SDS