



LF 195

CUTTING FLUID „HIGH-CUT“

microGLEIT LF 195 is a combination of mineral based oils and a especially selected combination of microWHITE solid lubricants — formulated for best results in metalworking processes.

Product Features

microGLEIT LF 195 is non-water-miscible and does not contain additives containing sulfur, phosphor, chlorine, nitrites, amines or heavy metals. It provides low cutting forces and superb surface finish. Due to microWHITE solid lubricants it is especially well suited for hard-to-machine materials. microGLEIT LF 195 is biodegradable and non-toxic. LF 195 combines environmental compatibility with outstanding product performance:

- enables very high cutting forces even with hard-to-machine materials
- provides outstanding surface finish
- prevents pitting and metal seizure
- Prevents staining on non-ferrous metals
- maximises tool life
- wide service temperature range

Product Applications - Beispiele

microGLEIT LF 195 has been developed for machining with high cutting forces and for all types of metals which are hard-to-machine, such as:

- tempered steel,
- chrome-, chrome-nickel steel,
- manganese steel
- tool steel,
- titanium- and titanium alloys,
- silicon steel and others.

microGLEIT LF 195 is also successfully used with following processes e.g.:

- broaching
- tapping
- deep drilling, pecking
- gear-milling
- slotting
- planing

Instructions for Use

- microGLEIT LF 195 is supplied ready to use. It can be applied by automatic dosing or manually. Following application methods are possible:
 - brush application
 - oil can dispensing
 - drip oiler or splash lubrication
 - (automatic) dosing system

Typical Properties microGLEIT LF 195

Test / Feature	Standard/ Parameter	Unit	LF 195
Appearance	visual	—	beige liquid
Base Oil	—	—	biodegradable ester
Viscosity	DIN 51562, T1	mm ² /s	~500
Density	DIN 51757	g/cm ³	0,9
Flashpoint	DIN EN 57	°C / °F	>200 / 392
Service Temperature	—	°C / °F	-20 to +100 / -4 to 212
Usable Life	—	months	12
Available Container Sizes	—	—	5 l closed head pail 20 l closed head pail
Handling Precautions	—	—	see SDS