



LP 436

WHITE PASTE FOR HOT FORMING

microGLEIT LP 436 is a homogenous, light coloured paste based on a hardly inflammable mineral oil and a synergistic combination of microWHITE solid lubricants.

Product Features

At temperatures above 150 °C the synthetic base oil evaporates slowly leaving very little residue. The remaining solid lubricant layer ensures outstanding release properties as well as very good lubricity.

- High pressure resistance
- High temperature resistance up to 1150 °C / 2102 °F
- Very good lubrication and release properties, especially at high temperatures
- Light coloured, thus clean application and operation
- Prevents seizure and scuffing
- No ingredients which need hazmat labelling

Product Applications - Examples

microGLEIT LP 436 was specially developed for hot forming processes with difficult forming conditions. LP 436 is also suitable for lubrication of various machine elements at high temperatures.

Typical Applications:

- Flow forming
- Column guides
- Tools and dies for warm and hot forming
- Lubrication of bolts, sliding guides or mechanical elements which are operated at elevated temperatures and low sliding speeds

Instruction for Use

- microGLEIT LP 436 can be applied by spatula, brush or lint-free cloth — apply a thin film in the preferably clean surface. Grease guns may be used as well.
- For serial application, LP 436 may be applied by means of suitable automatic dosing systems.
- Do not mix with other greases or pastes - this will reduce the performance.
- Relubrication intervals depend on actual working conditions.

Typical Properties microGLEIT LP 436

TEST/FEATURE	STANDARD/ PARAMETER	UNIT	LP 436
Colour	visually	—	white/creme
Base Oil	—	—	mineral oil
Oil Viscosity @ 40 °C/104 °F	DIN 51805	mm ² /s	70
Density	DIN 51757	g/cm ³	~1,3
NLGI Class	DIN 51818	—	1
Service Temperature	—	°C / °F	-10 to + 1150 / 14 to 2102
Usable Life (Closed Original Container - Bulk Ware)		months	36
Available Packaging	—	5 kg 25 kg	plastic pail plastic pail
Handling Instructions	—	—	see SDS