



LG 210

HEAVY DUTY GREASE WITH MoS₂

microGLEIT LG 210 is a black high performance grease, based on lithium soap, mineral oil and a combination of EP-Additives and MoS₂.

Product Features

microGLEIT LG 210 comes with good adhesion properties, resistance to oxidation and corrosion protection. Thanks to a special thickener, based on a high-quality lithium soap, the grease is extremely work resistant.

Furthermore the grease is characterised by following properties:

- High ageing resistance
- Very good resistance to oxidation
- Good adhesion
- Good corrosion protection
- High pressure resistance
- Good water resistance
- No hazard labelling required

Applications - Examples

- microGLEIT LG 210 is always recommended when standard grease are not meeting the requirements. That's especially true for oscillating loads, for shock loads, at risk of vibrational wear or simply for long lubrication intervals.
- Typical Applications:
 - Rolling bearings, all types
 - Sliding bearings, (also for non-ferrous metal bearings)
 - Linear guides, slideways, guideways
 - Spindel drives (actuators, hoisting equipments)
 - Joints (all types)
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Instructions For Use

- microGLEIT LG 210 can be applied by means of grease guns, automatic dosing equipment (suited for pasty products with solids content) and also manually by spatula, lint-free cloth, brushes or the like.
- Clean surfaces before application.
- Do not mix with lubricants of different oil base or check compatibility upfront application!
- When using on faster-running roller bearings, do not fully grease the free space in the bearing.
- Before using the product in serial/practical applications, customers tests to ensure that the product is meeting all requirements for the intended end use have to be performed.

Typical Properties – microGLEIT LG 210

TEST/FEATURE	STANDARD/ PARAMETER	UNIT	LG 210
Colour		—	gray/black
Base Oil		—	mineral oil
Viscosity @ 40 °C / 104 °F	DIN 51805	mm ² /s	100
Thickener		—	Lithium-Soap
Drop Point	DIN ISO 2176	°C	~190
Solids-Content	—	Weight-%	<5
Service Temperature		° C/°F	-25 to 120/ -13 to 248
Density	DIN 51757	g/cm ³	0,9
NLGI Class	DIN 51818	—	2
Timken Test (OK-Load)	DIN 51434, T3	N	~ 220
EMCOR	DIN 51802	—	0/0
Water Resistance	DIN 51807	—	1 - 90
Minimum Shelf Life		months	36
Available Packaging		400 g 1 kg 5 kg/25 kg 180 kg	cartridge –20 per box can – 6 per box Plastic Pail Steel-Drum - Open Head
Hazard Notes			—