



Power. Speed. Resilience

Technical Data Sheet

**MAGIC  
PLUS**

# GREASE LITHIUM

## EXTREME PRESSURE

Magic Plus Grease Lithium is a Lithium thickened lubricating grease formulated with mineral base oil and improved with extreme pressure (EP) additives to lubricate and protect even in heavy loaded circumstances. Mechanically very stable and easily pumpable due to its smooth consistency.

### Features & Benefits:

- Reduced wear under heavy or shock loading
- Protection against rust and corrosion
- Resistance to water washout
- Extended bearing life potential
- Good pumpability in centralised systems
- Effective leakage control

### Applications:

EP-000 and EP-00 are particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases on most underground mining machinery with the exception of electric motor gearings

EP-0 and EP-1 provide good low temperature pumpability and are suitable for centralised lubrication systems and other applications where low temperature performance is required

EP-2 is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions

EP-3 is a stiffer NLGI grade 3 grease recommended for applications where maximum protection against penetration of water or solid contaminants is required

### Specifications, Approvals & Recommendations: (Meets / Exceeds)

Performance Levels	NLGI 000	NLGI 00	NLGI 0	NLGI 1	NLGI 2	NLGI 3
DIN 51825	-	-	-	KP1K-20	KP2K-20	KP3K-20
DIN 51826	GP000G-20	GP00G-20	GP0G-20	-	-	-

### Technical Data:

Parameters	ASTM	Typical Results					
		NLGI 000	NLGI 00	NLGI 0	NLGI 1	NLGI 2	NLGI 3
NLGI Grade							
Thickener Type		Lithium					
Color		Light Brown					
Texture		Smooth					
Worked Penetration @ 25 °C, 60 Strokes	D-217	460	415	370	325	280	235
Dropping Point, °C	D-2265	>160	>160	>160	180	190	190
Timken EP Test, OK Load, lbs	D-2509	40	40	40	40	40	40
4-Ball Wear, Scar, mm	D-2266	0.4	0.5	0.4	0.4	0.4	0.4
4-Ball Weld Load, Kg	D-2596	250	250	250	250	250	250
Base Oil Viscosity @ 40°C, cSt	D-445	320	160	160	160	160	160
Operating Temperature Range, °C		-30 to 110	-30 to 130	-30 to 130	-30 to 130	-30 to 130	-30 to 130

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. For further Information on Safety Guidelines please refer to MSDS available on our website [magicplusoil.net](http://magicplusoil.net)

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