

<b>MI-setral-LI/PD 1</b>	Nr. 0376
High-pressure grease without solids, with EPL additive technology.	Packaging: 10 x 400g cartridges 5kg hobbock 25kg hobbock 180kg drum other packaging on request

### Application

For long-term or lifetime lubrication of rolling, bearings, highly loaded gears and sliding pairs susceptible to wear under extreme conditions, like vibrations or shock loads etc.. Due to the special EPL additive technology micropitting and pittings are avoided and re-smoothing of surface damages is enabled. Typical applications: shock loaded gear motors, newspaper printing machines, wood milling machines, robots, spindle bearings and other applications in all industrial sectors.

### Characteristics

- Avoids fretting corrosion
- Excellent corrosion protection
- Excellent wear properties
- Extremely low coefficient of friction
- Increases the quiet running
- Conveyable in central lubricating systems
- Surface smoothing
- Silicone-free

### Method of use

- As usual with greases.
- Clean and degrease lubrication points carefully prior to application. For this CLEAN-setral-AN/U spray is specially suited.
- Follow the instructions of the bearing manufacturer.
- The minimum shelf life in original sealed containers, stored in a cool and dry place (no direct sunlight) is about 2 years.

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**Technical data**

Colour	auburn		DIN ISO 2049
Basis	mineral oil		
Thickener	Lithium		
Base oil viscosity at 40°C	120	mm <sup>2</sup> /s	DIN 51562
Base oil viscosity at 100°C	12	mm <sup>2</sup> /s	
Viscosity index	> 70		DIN ISO 2909
Consistency class	1	NLGI grade	DIN 51818
Penetration, worked 60 strokes	310 - 340	mm <sup>-1</sup>	DIN ISO 2137
Drop point	190	°C	ISO 2176
Copper corrosion, 24h/100°C	1	rating	DIN 51811
Steel corrosion (EMCOR) dist. Water	0/0	rating	ISO 11007
Water resistance, static	1 - 90	rating	DIN 51807-1
Four ball weld load	300	N	DIN 51350-4
Four ball wear test 1500N/1min	1.7	mm	DIN 51350-5
Four ball wear test 400N/1h	< 0.4	mm	DIN 51350-5
Flow pressure at -40°C (Kesternich)	< 1400	hPa	DIN 51805
nD <sub>m</sub> -factor deep groove ball b.	750000		
nD <sub>m</sub> -factor taper ball bearing	300000		
Temperature range	- 35 - + 140	°C	

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