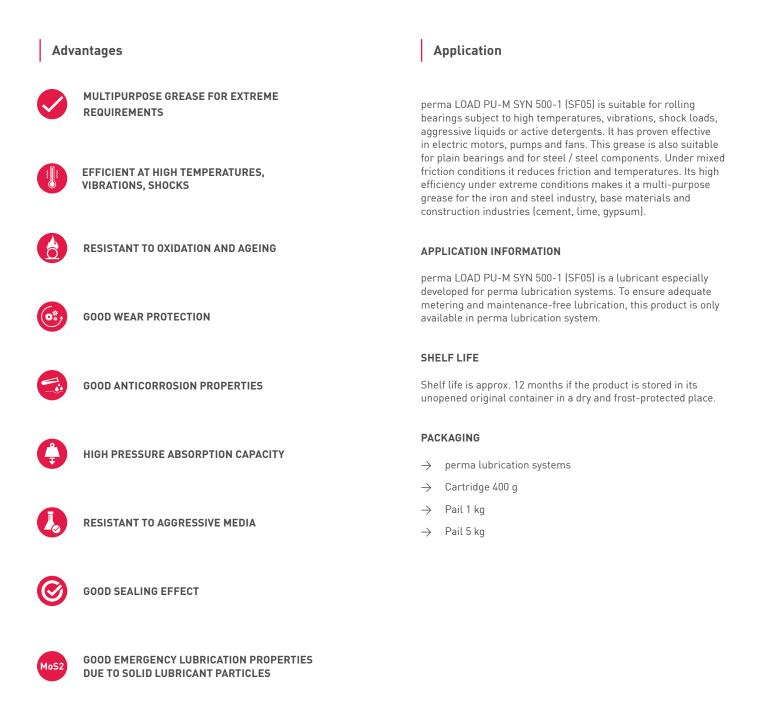
perma LOAD PU-M SYN 500-1 (SF05)

Previous name: perma High temp. / Extreme pressure grease SF05

ROLLING AND PLAIN BEARINGS

perma LOAD PU-M SYN 500-1 (SF05) is a special lubricating grease based on mineral oil + PAO, polyurea and MoS₂. It has a wide service temperature range and is suitable for plain and rolling bearings up to a service temperature of 160 °C. perma LOAD PU-M SYN 500-1 (SF05) ensures excellent wear protection, and its EP additives provide a high pressure absorption capacity. It is very adhesive and resistant to water under static and dynamic loads, to oxidation and ageing. The solid lubricant particles (MoS₂) provide additional safety due to their emergency lubrication properties.





Product data

Base oil	Mineral oil + PAO
Thickener	Polyurea / MoS ₂
Base oil viscosity, DIN 51562, at 40 °C, mm²/s	500
Color	Black
Density, DIN 51757, at 20 °C, g/cm³, approx.	0,91
Drop point, DIN ISO 2176, °C	> 240
Penetration at 25 °C, DIN ISO 2137; 0,1mm approx.	340 - 370
Speed factor, (n x dm), approx.	200,000 mm/min
Consistency, NLGI grade, DIN 51818	0/1
Service temperature range, °C	– 20 to 160
Flow pressure, DIN 51805, at – 20 °C, mbar	< 1.400
Water resistance, DIN 51807, 3 h / 90 °C, ratin	0/1 - 90
Corrosion protection, DIN 51802, Emcor test (1 week, dist. water), corrosion rating	1/1



Roller bearings



Sliding bearings



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