

perma LUBRICANTS | GREASES













For more than 50 years, perma has stood for innovative and creative lubrication solutions. Now, we are expanding our exclusive range of perma lubricants to bring you even more products. Thanks to our extensive experience, we are able to offer a wide range of high-quality lubricants that are tailored to your needs. Our lubricants are specially developed to meet our customers' needs while ensuring excellent protection for critical rotating equipment such as conveyors, pumps, fans and electric motors. The perma range includes universal, food-grade, heavy-duty and high-temperature lubricants made using mineral or synthetic base oils.

perma Lubricant name	Key figures							Applications					Machine elements					Properties				
	Thickener	Base oil	Viscosity at +40 °C [mm ² /s]	NLGI	Operating temperature	Colour	Speed factor	Electric motors	Blowers / Fans	Pumps	Conveyors	Roller bearings	Sliding bearings	Linear guides	Open gears	Spindles	High speed	Low speed	Heavy load	Light load	High temperature	Low temperature
Multipurpose greases																						
perma MULTI LC 150-2 (SF01)	Lithium Calcium	Mineral oil	150	2	-30°C to +130°C -22°F to +266°F	Beige	300000	*	**	**	***	***	**	**	**	**	**	**	*	**	*	**
perma MULTI AX 220-0 (SF06)	Aluminium complex	Mineral oil	220	0	-20°C to +130°C -4°F to +266°F	Brown	300000	*	*	*	*	**	**	**	*	*	**	**	*	**	*	**
Heavy-duty grease																						
perma LOAD L-M 100-2 (SF02)	Lithium + MoS ₂	Mineral oil	100	2	-30°C to +120°C -22°F to +248°F	Black	350000	-	-	-	**	-	***	-	***	**	*	***	**	*	*	**
High-temperature grease																						
perma TEMP PU-P SYN 420-2 (SF03)	Polyurea + PTFE	Ester + PFPE	420	2	-20°C to +220°C -4°F to +428°F	Beige	300000	*	*	*	*	***	**	**	**	**	*	**	*	**	***	***
Heavy-duty/high-temperature grease																						
perma LOAD PU SYN 500-1 (SF04)	Polyurea	Synthetic	500	0/1	-20°C to +160°C -4°F to +320°F	Yellow	200000	*	*	*	***	**	**	**	**	**	*	**	**	**	**	**
perma LOAD PU-M SYN 500-1 (SF05)	Polyurea + MoS ₂	Synthetic	500	0/1	-20°C to +160°C -4°F to +320°F	Black	200000	-	-	-	**	-	***	-	***	*	*	***	***	**	**	**
High-speed grease																						
perma SPEED CX SYN 100-2 (SF08)	Calcium complex	Synthetic	100	2	-40°C to +140°C -40°F to +284°F	Beige	600000	***	**	*	-	***	*	*	-	**	***	*	*	***	**	**
Biodegradable grease																						
perma BIO PU SYN 120-2 (SF09)	Polyurea	Synthetic	120	2	-40°C to +140°C -40°F to +284°F	Brown	300000	**	**	**	**	**	**	**	**	**	*	**	*	*	*	**
Food-grade grease																						
perma FOOD AX SYN 150-1 (SF10)	Aluminium complex	Synthetic	150	1	-45°C to +120°C -49°F to +248°F	Beige	500000	**	**	**	**	**	**	**	**	**	**	**	**	*	*	***

Not recommended: - | Ok: * | Good: ** | Recommended: ***

perma LUBRICANTS | OILS

perma lubricant name	Key figures			Machine elements				Properties					
	Base oil	Viscosity at +40 °C [mm ² /s]	Operating temperature	Sliding bearings	Open gears	Spindles	Chains	High speed	High Adhesion	Heavy load	Light load	High temperature	Low temperature
													
Multipurpose oil													
perma MULTI 100 (S032)	Mineral oil	100	-5°C to +100°C +23°F to +212°F	**	**	**	**	**	**	*	**	*	*
High-temperature oil													
perma TEMP SYN 320 (S014)	Synthetic	320	-20°C to +250°C -4°F to +482°F	*	*	*	***	***	***	***	*	***	*
Biodegradable oil													
perma BIO SYN 100 (S064)	Synthetic	100	-30°C to +110°C -22°F - +230°F	**	**	**	***	**	**	*	**	*	**
perma BIO SYN 320 (S069)	Synthetic	320	-20°C to +110°C -4°F to +230°F	***	***	***	***	***	***	***	*	*	**
Food-grade oils													
perma FOOD SYN 220 (S070)	Synthetic	220	-30°C to +120°C -22°F to +248°F	***	***	***	***	**	**	**	**	*	**
perma FOOD LOWTEMP SYN 32 (S078)	Synthetic	32	-50°C to +140°C -58°F to +284°F	*	*	*	***	*	***	*	***	*	***

Not recommended: - | Ok: * | Good: ** | Recommended: ***