





perma Lubricants

Choose the right lubricant for your application

perma Code Description Identification according to 51 502 (Grease) according to DIN 51 517-3 (Oil)	NLGI-class	Thickener	Base oil	Operating temperature range (°C)	Viscosity at +40 °C	Speed index	Applications						
							Roller bearings 	Sliding bearings / guides 	Linear guides 	Open gears / gear racks 	Spindles 	Shaft seals (1) 	Chains 
Grease													
SF01 Multipurpose grease KP2K-30	2	Li / Ca	Mineral oil	-30 to +130	220	350,000	✓	✓	✓	-	✓	✓	-
SF02 Extreme pressure grease KPF2K-30	2	Li + MoS2	Mineral oil	-30 to +120	105	350,000	-	✓	-	✓	-	-	-
SF03 High temp. grease KE1T-20	2	PHS + solids	Ester + PFPE	-20 to +220	420	300,000	✓	✓	-	-	-	-	-
SF04 High performance grease K1S-20	0/1	PHS	Mineral oil + PAO	-20 to +160	500	200,000	✓	✓	✓	-	✓	-	-
SF05 High temp. / extreme pres- sure grease KPF1S-20	0/1	PHS + MoS2	Mineral oil + PAO	-20 to +160	500	200,000	✓	✓	-	✓	-	-	-
SF06 Liquid grease K0G-20	0	Al-Com,	Mineral oil	-20 to +130	220	300,000	✓	✓	✓	-	-	✓	-
SF08 Low temp. grease KHC2N-50	2	Ca-Com,	PAO	-40 to +140	100	600,000	✓	✓	-	-	-	-	-
SF09 Bio grease KPE2K-40		2	PHS	Ester	-40 to +140	100	300,000	✓	✓	-	✓	-	-
SF10 Food grade grease NSF H1 K1K-40		1	Al-Com,	PAO	-45 to +120	150	300,000	✓	✓	✓	✓	-	-
Oil													
S014 High performance oil CLPE320	Oil	-	PAO + Ester	-20 to +250	320	-	-	-	-	-	-	-	✓
S032 Multipurpose oil CLP100	Oil	-	Mineral oil	-5 to +100	100	-	-	✓	-	✓	✓	-	✓
S064 Bio oil low viscosity CLPE100		Oil	-	Ester	-30 to +110	100	-	-	✓	-	✓	✓	-
S069 Bio oil high viscosity CLPE460		Oil	-	Ester	-20 to +110	460	-	-	✓	-	✓	✓	-
S070 Food grade oil NSF H1 CLPH220		Oil	-	PAO + Ester	-30 to +120	220	-	-	✓	-	✓	✓	-

 Food and
pharma industry

 Bio-degradable for
all applications

→ Additional lubricants available on request
→ For more assistance please download
software perma SELECT 4.0 from our website

(1) Please check compatibility of lubricant and sealing material.