

SumTech® PFPE-420

PFPE/PFTE based lubricating grease



Your benefits at a glance

- Excellent rust inhibiting
- Excellent corrosion protection
- Excellent solvent washout resistance properties

Your requirements - our solution

SumTech PFPE-420 is a perfluorinated polyether (PFPE) based lubricating grease created for use in severe operating conditions caused by high temperature or aggressive chemical environments. This long-life lubricant has excellent rust inhibiting, corrosion protection and solvent washout resistant properties.

SumTech PFPE-420 is ideal for use in bearings, conveyors and pumps subject to aggressive chemicals or heat. It is recommended for drying ovens, shrink wrap tunnels, oven chains and other high temperature applications found in food manufacturing. SumTech PFPE-420 is generally regarded as neutral towards most elastomers and plastics (exception: perfluorinated rubber), however, we recommend testing compatibility with the material to be used prior to application.

Application

Bearings, conveyors and pumps subject to aggressive chemicals or heat

Application notes

For best results, we recommend thoroughly cleaning the friction points with white mineral spirits. The surfaces should then be blown with clean, dry compressed air to hot air to remove solvent residue. For initial lubrication, the friction points must be free from oil, grease, perspiration and contamination. SumTech PFPE-420 can be applied with a brush, spatula or lubricant dispenser. Please contact your Summit Representative if you have questions regarding the application of this product.

Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	SumTech PFPE-420
Article number	320596
Composition, thickener	PTFE
Colour	white
Density	1.9 g/cm ³
NLGI grade	2
Worked penetration	265 - 295 0.1 mm
Kinematic viscosity of the base oil, 100°C	approx. 39 mm ² /s
Kinematic viscosity of the base oil, 40°C	approx. 420 mm ² /s
Oil separation	< 12 % by weight
Evaporation loss	< 3 % by weight
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months

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Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

Summit Lubrication a brand of Klüber Lubrication NA LP /
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