

Performance you can trust

ROCOL®



KILOPOISE®

EXTREMELY HIGH VISCOSITY
DAMPING LUBRICANT

- Allows smooth precise movement
- Effectively seals against moisture
- Will not harden allowing continuous adjustment
- Increases clearances and tolerances on mating parts
- Remains unchanged over long periods





► What is KILOPOISE®?

KILOPOISE is an extremely high viscosity damping lubricant that is designed to change the dynamics between moving parts allowing tight and smooth motion. High viscosity damping greases are recommended for use on highly sensitive mechanisms where fine adjustments are made by hand or where free motion is required to be damped.

► A Lubricant with Heritage

High viscosity damping greases were initially introduced as sealing compounds for optical and electrical instruments; however they were quickly specified in new innovative applications. During World War II, many skilled craftsmen were recruited into service leaving unskilled labour to operate in factories. This workforce was inexperienced and unable to produce highly sensitive instrumentation, additionally the pressures of war meant that demand for these items were at their highest. Fortunately, the shortfalls in production could be compensated for by KILOPOISE which was adopted as an aid to mass production because it ensured that optical and electrical instruments were as precise and accurate as pre-war devices.

► Modern Day Applications

Although many of the historical roles of KILOPOISE are still current, new applications have been discovered in markets where components are required to have 'extreme precision' or a 'luxury feel'.

Professional expectations of the precision and accuracy of their instruments have always been high. KILOPOISE ensures noise and motion damping for the finest tuned instruments. Additionally, consumer expectations of quality are rising quickly. KILOPOISE aids the manufacturing process and economically increases the perceived value of a finished product.



► Specified Applications

Medical Devices

Plastic disposable drug delivery devices use KILOPOISE to control dosage speed, the damping lubricant transforms initial actuation energy into a control applied force, ensuring a correct dosage and a high level of patient comfort and safety.

Dials, Sliders, Switches

KILOPOISE can improve the perceived quality of plastic dials, slides and switch components, ensuring a smooth, quiet performance. Grease viscosity can be varied to produce specific acoustic or tactile characteristics.

Hinges

The measured stiffness of damping grease increases resistance whilst reducing wear, using KILOPOISE on hinges can create a smooth controlled motion giving a luxury and high quality feel to flip-phones, stadium seats and fine cabinetry amongst many others applications.

Film & Photography Equipment

KILOPOISE gives a 'silky movement' and a high degree of precision to camera lenses.

Automotive Interiors / Exteriors

Different viscosity grade damping greases can meet specific sound and motion requirements. KILOPOISE can give seat tracks, grab bars and audio components in automotive interiors a 'luxury feel' offering an economical method of producing high end appeal.

Printers & Copiers

Desktop printers & copiers use KILOPOISE to reduce the noise of the plastic gears. This ensures quiet office machinery and a reduction in manufacturing costs.

Type	Light Damping	Heavy Damping
Fluid	-	KILOPOISE 0868
Grease	KILOPOISE 0001 GW	KILOPOISE 0868 GW
High Temp	-	KILOPOISE 0868 S



Product Name	Unit Size	Part Code
KILOPOISE 0868	450g	36013
KILOPOISE 0868 GW	3kg	36048
KILOPOISE 0868 S	3kg	36051
KILOPOISE 0001 GW	3kg	36052