

KILOPOISE™ Range

Extremely high viscosity fluid and grease damping lubricants

Product Overview

ROCOL® KILOPOISE lubricants are special, high viscosity damping lubricants designed to impart smooth positive movement with a 'silky' feel by providing damping and increased friction/drag.

ROCOL KILOPOISE lubricants are used for the lubrication of slides, gears and threads on many different types of applications where a smooth damped precision feel is required.

ROCOL KILOPOISE lubricants do not harden due to their extremely low volatility; therefore, adjustments can be continually made.

Features and Benefits

- ROCOL KILOPOISE is available in grease form in the following grades: 0868GW & 0868S.
- A viscous fluid version is also available as KILOPOISE 0868.
- The damping action of the KILOPOISE lubricants allows smooth precise movement.
- ROCOL KILOPOISE allows larger clearances and tolerances on mating parts.
- ROCOL KILOPOISE provides an excellent seal against moisture.
- ROCOL KILOPOISE has extremely low volatility, therefore the product remains unchanged over long periods.
- ROCOL KILOPOISE does not contain silicone.
- ROCOL KILOPOISE will not support fungal growth.

Directions for Storage and Use

- ROCOL KILOPOISE lubricants can be applied manually or by other methods suitable for extremely viscous lubricants.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 5 years from date of manufacture.

Typical Applications

ROCOL KILOPOISE lubricants are used to dampen movement and give a precision feel to equipment such as:

- Microscopes
- Cameras & videos
- Surveying and measuring equipment
- Potentiometers
- Telescopes & binoculars
- CD loaders etc.

ROCOL KILOPOISE 0868GW & 0868S grades are also used as core locking compounds to prevent movement due to vibration although, as they do not harden, adjustments can be made at any time.

Pack Sizes

Product	Pack Size	Part Code
KILOPOISE 0868	450g	36013
KILOPOISE 0868GW	2kg	36045
KILOPOISE 0868S	2kg	36035

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Property	Test Method	Result
Appearance:		
0868	Visual	Translucent, viscous fluid
0868GW & 0868S	Visual	Translucent, viscous paste
Base Type	N/A	Synthetic hydrocarbon fluid
Base Fluid Viscosity at 25°C:		
0868, 0868GW, 0868S	N/A	220,000cP
Thickeners:		
0868GW	N/A	Micronised polyethylene
0868S	N/A	Silica
0868	N/A	None
Temperature Range:		
0868 & 0868GW	N/A	+5°C to +95°C
0868S	N/A	+5°C to +200°C

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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