

Kilopoise Range

Extremely high viscosity fluid and grease damping lubricants.

Used for the lubrication of slides, gears and threads on instruments to impart smooth positive movement with a 'silky' feel by providing damping and increased friction/drag.

Kilopoise 0868GW is also used to prevent movement due to vibration. Kilopoise lubricants do not harden due to their extremely low volatility, therefore, adjustments can be continually made.

Features

- Grease grades available in light (0001GW) and heavy (0868GW & 0868S)
- Fluid version also available – 0868 (viscous fluid)
- Damping action allows smooth precise movement
- Allows larger clearances and tolerances on mating parts
- Seals against moisture
- Low volatility, therefore product remains unchanged over long periods
- Will not support fungal growth

Directions for Use

- Apply manually or with a suitable applicator
- Ensure surfaces are clean and dust/dirt free prior to application

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67

Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

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BS EN ISO 9001
Certificate No. FM 12448



BS EN ISO 14001
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OHSAS 18001
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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.

Technical Data

ROCOL®

Performance you can trust

Kilopoise Range

Appearance	
0001GW, 0868GW & 0868S	Translucent viscous paste
0868	Translucent viscous fluid
Base type	Synthetic hydrocarbon fluid
Thickeners	
0868GW & 0001GW	Micronised polyethylene
0868S	Silica
0868	None (fluid grade)
* Approximate temperature ranges (dependant on application requirements)	
0868 & 0868GW	+5°C to +95°C
0868S	+5°C to +200°C
0001GW	-7°C to +95°C
Base fluid viscosity at 25°C	
0868, 0868GW & 0868S	220,000 cp
0001GW	25,000 cp
Storage	Storage temperature should be controlled to between 1 and 40°C.
Pack sizes	450g (0868)
	2kg (0868GW, 0868S & 0001GW)

* It is impossible to define an exact operating temperature range since it is dependent on the clearances used in the mechanism and the degree of drag required.

In common with most liquid lubricants the Kilopoise 0868 becomes thinner as the temperature increases. If the mechanism is required to operate in a hot environment testing should be carried out at working temperature to ensure that the required damping is still obtained.

At low temperatures Kilopoise lubricants thicken to almost solid consistency. This thickening is not however permanent so, on warming, they return to their original consistency and the mechanism can be operated normally.

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