



KILOPOISE

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 and 0868S are 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

- Ø Grease grades available in light (0001GW), medium (0031S) or heavy (0868GW & 0868S)
- Ø Fluid version also available – 0868 (viscous fluid)
- Ø Damping action allows smooth precise movement
- Ø Allows larger clearances and tolerances on mating parts
- Ø Seals against moisture
- Ø Low volatility, therefore product remains unchanged over long periods
- Ø Will not support fungal growth

DIRECTIONS FOR USE

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

Technical and Safety Data Sheets are available from:

Fax Back Facility : +44 (0)113 232 2770
Web Site : www.rocol.com
Customer Service : +44 (0)113 232 2700

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1

ROCOL Lubricants

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www.rocol.com

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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



KILOPOISE

TECHNICAL DATA (typical values)

Appearance	
0001GW, 0031S, 0868GW, & 0868S	Translucent viscous paste
0868	Translucent viscous fluid
Base type	Synthetic hydrocarbon fluid
Thickeners	
0868GW & 0001GW	Micronised polyethylene
0031S & 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
0031S	0°C to +200°C
0001GW	-7°C to +95°C
Base fluid viscosity at 25 ⁰ C	
0868, 0868GW & 0868S	220,000 cps (2.2 Kp)
0031S	97,500 cps (0.97Kp)
0001GW	25,000 cps (0.25 Kp)
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	450g (0868) (0868GW) 2kg (0868GW, 0868S, 0031S & 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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2

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