

## Synthetic damping compounds

### Description

MOLYSLIP Molypoise damping compounds are special, high viscosity lubricants designed to impart smooth, positive movement with a 'silky' feel by providing a controlled increase in drag and resistance to movement. Molypoise lubricants can be used for the lubrication of slides, gears and threads on many different types of applications where a smooth, precision feel is required.

Molypoise lubricants are exceptionally stable over extended periods and will not harden or dry out ensuring operational consistency throughout the lubricated components lifetime. Molypoise lubricants can be used to dampen movement and give a precision feel to equipment such as microscopes, cameras, video, surveying and measuring equipment, potentiometers, telescopes, binoculars, switches etc. They can also be used as non-setting locking compounds to minimise vibration induced movement or loosening.

### Features and benefits

- Promote smooth, precision movement even where higher clearance components are used
- Good compatibility with metals, rubbers and plastics
- Silicone oil free
- Provides an effective barrier against moisture ingress
- Stable, long term lubrication allows use in fill for life applications

### Instructions for use

Molypoise compounds should be used as supplied. Apply manually or using equipment suitable for dispensing high viscosity products. The "W" grades contain a wax thickener which will melt at 100°C - above this temperature they become liquid which can simplify application. The "S" grades contain a non-melting thickener and heat will only reduce the base fluid viscosity, they will not become fluid.

### Packaging

450 tin

# Technical data

## Molypoise



### Technical data (typical values)

Property	Test method	0868	0868 S	0868 W	0031 S	0031 W
Appearance	-	Viscous fluid	Smooth translucent grease			
Melt point	IP132	-	-	100°C	-	100°C
Base oil viscosity at 25°C	MSTM 54	2200 Poise			1100 Poise	
Operating temperature range	-	-10°C to +90°C	-10°C to +200°C	-10°C to +90°C	-10°C to +200°C	-10°C to +90°C

### Storage

Store MOLYSLIP Molypoise out of direct sunlight. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. 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.  
Issue date 05-19