

## Data / Specification Sheet • Novus Bolt-Lube

**Novus Bolt-Lube** is a high quality assembly & anti-seize compound, designed for use on fasteners operating where arduous conditions may be encountered.



### Service

Novus Bolt-Lube has been formulated to provide easier assembly and disassembly of fasteners, thereby reducing the torque required to load and unload the joint. Due to the inclusion of an extreme pressure additive, it provides additional protection against galling or seizure.

The compound is water resistant and assures long-term protection against rust and corrosion.

### Availability

Tins of 500 grammes come complete with integral brush applicator for ease of use.

Other sizes available on request, including: 1kg tin, 5kg pail, 12.5 pail and 20kg pail.

### Application

Ensure the bolt and nut threads are clean before application. Apply Bolt-Lube lubricant liberally using a brush to the bolt and nut threads and to the face of the nut to be tightened. Do not apply grease or bolt lubricant to the joint face.

### Material properties

Novus Bolt-Lube contains molybdenum disulphide (MoS<sub>2</sub>), graphite and other low-friction ingredients in a non-setting form. The formulated blend is carefully controlled to ensure consistency of lubricating and anti-seize properties, along with low-friction characteristics.

### Physical properties

Coefficient of Friction*	0.12
Temperature Range	-54°C to 650°C
Physical State	Semi-Solid Paste
Colour	Steel Blue
Odour	Petroleum
pH	Neutral
Boiling Range/Point	316°C
Melting Point	232°C
Flash Point (PMCC)	221°C
Auto Ignition Temperature	260°C

*\* The coefficient of Friction (CoF) is used in the calculations that determine the torque that should be applied to the bolts during assembly. In order to establish the CoF, Flexitallic have developed a unique 'in house' test procedure, utilising the specially adapted fasteners to measure bolt load. This test procedure accurately determines the CoF and provides a method for verifying consistency of product from batch to batch.*

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