

# T943 Threadlocker

## Engineering Adhesives

### DESCRIPTION

T943 is a medium strength, oil tolerant, removable Threadlocker designed to be used on all metals in an "as received" condition. It is capable of resisting harsh environments up to 160°C. T943 also comes with WRAS approval for hot & cold potable water.

<b>Physical Properties (liquid product)</b>	
Colour:	Blue Fluorescent
Viscosity 20°C Brookfield DVII	1500-2200cps
Specific Gravity	1.10
Max.thread diameter:	M36
Max. gap filling:	0.25mm
Temp Range:	-55°C up to 160°C
<b>Physical Properties (cured product) @20°C</b>	
Measured on M10 x 20 bolt.	
Initial strength:	14-20 minutes
Final strength:	12 hours
Breakaway Torque (T <sub>BA</sub> ) :	<21N.m
Prevailing torque (T <sub>P</sub> ):	<10N.m

### APPLICATIONS

T943 is designed to prevent loosening and leakages from shock and vibration on all types of metal fasteners. Whilst it has locking and sealing capabilities, it is also removable with standard hand tools. It is therefore ideal for securing components that require frequent opening during maintenance, but must withstand harsh environments such as shock, vibration and heat.

Where possible, remove thick deposits of grease or dirt. However T943 will penetrate a film of oil once it has been tightened.

Use as a conventional medium strength locker on cleaned parts with strengths up to 21N.m or as a convenient all-purpose locker on oily parts with 8-12N.m typical strength achievement depending on oil type and film.

### DIRECTIONS FOR USE

- Parts should be clean, dry and dust free.
- Degreased parts will assist results.
- Apply sufficient product to fill joint.
- Assemble parts.
- To achieve handling strength allow product to solidify (see initial strength).
- Store in cool conditions.
- Keep out of direct sunlight.

### COMPATIBLE ACTIVATORS , ACCELERATORS & PRIMERS

Activators such as A471 Structural Activator or the faster A649 Structural Activator can be used, however, up to 30% strength loss can occur when using accelerators.

### LIMITATIONS

This product is not recommended for use in oxygen rich systems



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**PACKAGING**

Bottles: 50ml & 250ml  
Bulk: 15kg

**STORAGE & SHELF LIFE**

Store in a cool area out of direct sunlight  
Shelf Life: 12 months @ 20°C

**HEALTH & SAFETY**

Contains Methacrylate Esters  
For further information please refer to Safety Data Sheet

