



# MTLM – DEF STAN 80-81 ASSEMBLY & RUNNING IN PASTE

Assembly lubricant for precision and interference fit parts. Provides a tough, wear resisting, greasy film which provides anti-seize protection, eases assembly and provides complete protection during the critical start up and running in periods. Ideal for assembling plain bearings, pins, slides and gears etc. Also the lubrication of valves and slow moving parts under high loads.

## FEATURES

- Ø Temperature range  $-50^{\circ}\text{C}$  to  $450^{\circ}\text{C}$
- Ø Reduces forces required for assembly
- Ø Guards against galling and pick up
- Ø Protects during start up and running in
- Ø Guards against wear and fretting corrosion

## DIRECTIONS FOR USE

- Ø Ensure surfaces to be treated are clean, dry and free from oil, grease or dirt contamination.
- Ø Apply a thin even coating by rubbing onto the surface with a lint free cloth.

## Technical and Safety Data Sheets are available from:

**Fax Back Facility** : +44 (0)113 232 2770  
**Web Site** : [www.ocol.com](http://www.ocol.com)  
**Customer Service** : +44 (0)113 232 2700

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### **ROCOL Lubricants**

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: +44 (0)113 232 2600 Fax: +44 (0)113 232 2760

[www.ocol.com](http://www.ocol.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.



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## TECHNICAL DATA (typical values)

Appearance	Stiff, blue-black paste
Base type	Severely refined mineral oil
Thickener	Organically modified clay
Solids	Molybdenum disulphide
Worked penetration (IP 50)	240-300
Drop point	Non-melting
Temperature range	
Paste lubricant	-10°C to 150°C
Dry film lubricant	-50°C to 450°C
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	398 kg
Mean hertz load	78 kg
Specifications	
Joint Services Designation	ZX 38
Defence Standards	DEF STAN 80-81//2 (S-722)
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	100g tube, 500 g

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TECHNICAL DATA