

## ASSEMBLY FLUID® #1

### Applications:

Assembly Fluid #1 is designed to hold small parts in place during the assembly of complex mechanical assemblies. Assembly Fluid #1 is utilized for precision military applications as well as commercial applications. This fluid does not contain anti-wear additives and will completely dissolve in lubricants and hydraulic fluids leaving no residue. Using greases or materials not designed for this type of use will leave contaminants behind. Assembly Fluid #1 can be used in place of Mobil RT-403-C. Assembly Fluid #1 is an approved O-Ring lubricant.

#### Minimum Order:

**Domestic**      **12 tubes**  
**Export**        **24 tubes**

**AF#1**

### Typical Industrial Applications:

- Military Precision Assemblies
- Engine Assemblies
- Turbine Assemblies
- Transmission Assemblies
- Pump Assemblies
- Complex Mechanical Assemblies
- Commercial Assemblies

### Performance Benefits:

- Engineered tackiness provides best hold power
- Compatible with petroleum lubricants
- Compatible with synthetic lubricants, including MIL-L07808 and MIL-L-23699
- Compatible with hydraulic fluids
- Compatible with most elastomers and other seal materials, please test with seal material before use
- Nominal shelf life is 3 years from date of manufacture when stored in a dry, clean area in a sealed container

TYPICAL PROPERTIES	TEST METHOD	Assembly Fluid #1
Viscosity @ 100°C, cSt	ASTM D445	1500
Appearance	Visual	Honey colored, clear, tacky
Flash Point, °C/°F	ASTM D3278	120/248
Pour Point, °C/°F	ASTM D97	-7/25
Lbs./Gal.	---	7.6
Specific Gravity	ASTM D1298	0.91

06/2010

#### HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

#### TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)



900 Centerpoint Blvd.  
New Castle, DE 19720  
P.....302-325-9880  
F.....302-325-0335  
[info@ultracheminc.com](mailto:info@ultracheminc.com)