



- **OIL COMPATIBLE**
- **FAST SETTING**
- **ALLOWS FOR FUTURE DISASSEMBLY**

ADHESIVE R&D®'s anaerobic adhesives and sealants represent the latest generation in anaerobic chemistry. Anaerobic threadlockers remain liquid when they are exposed to the oxygen in air, but in the absence of air, (or anaerobic environment) these products quickly polymerize and fill the inner space between the surfaces. In a continuous quest to improve the performance of anaerobic adhesive's and sealants, **ADHESIVE R&D®'s** works with leading edge engineers to push the chemistry forward, to increase cure speeds and bond strengths, and to design products that are able to cure on contaminated or inert surfaces and yet remain stable without special handling.

Military Grade 43™ is a medium strength anaerobic threadlocker for all types of metal fasteners. Use **Military Grade 43™** on those jobs requiring a reliable fast setting anaerobic thread locker that allows for future disassembly of parts by using hand tools and moderate effort. Oil compatible **Military Grade 43™** has a perfectly balanced break, and prevailing torque. It is specifically designed for oil contaminated fasteners, and delivers approximately 20% more locking strength, than legacy blue thread lockers. This insures your fasteners will remain secure, even in the most challenging of conditions.

PHYSICAL PROPERTIES

Composition	Anaerobic Methacrylate
Color	Blue
Viscosity	1,600-1,700 cps Newtonian
Specific Weight	1.05
Flash Point	>200°F
Solvent Content	None
Shelf Life @ 72°F	2 years

CURING PROPERTIES

Handling Time	30-40 minutes
Full Cure	24 hours per ASTM D5363 Locking Torque*
Temperature Range	-350-350°F
Locking Torque*	Per ASTM D5363
Breakaway	240-260 inch lb's
Prevailing	230-260 inch lb's

*Per ASTM D5363 Specification. 3/8-16 plain finish cap screws and nuts. Larger fasteners will increase surface area and breakaway torque.