



M1® Industrial Quality All-Purpose Lubricant

M1® is the “modern one” – the superior alternative. It dries and will not attract dirt, dust or other contaminants as other leading lubricants do.

The Starrett Company is a leader in precision measuring tools. We use M1® in our manufacturing areas and it works. M1® will work for you too. The best lubricant value for your money.

- ◆ M1 produces a micro-thin, airtight coating/film that simultaneously dries as it protects, avoiding dirt, grime, etc., that other “wet” lubricants actually attract
- ◆ The can will spray upside down in awkward places without losing propellant power
- ◆ **Lubricates:** M1 is free of silicone, making it an excellent lubricant. Its ability to stand up to extreme temperatures makes it ideal year-round
- ◆ **Penetrates:** Deep-down penetration works quickly to free frozen nuts, bolts, and metal parts. Actually gets under caked-on dirt to clean the metal for removal
- ◆ **Prevents Rust:** Protects metal against rust and corrosion damage by providing a molecular shield that locks to the metal
- ◆ **Cleans:** Actually removes grease, tar, and grime from metal parts and painted surfaces. Cleans and polishes for lasting protection
- ◆ **Stops Squeaks:** Has instant lubrication properties that spread into those hard-to-reach metal parts to stop squeaking and sticking
- ◆ **Displaces Moisture:** M1 is not soluble in water, so it gets under moisture to lift it away from the surface to be protected
- ◆ **Nonconductive:** Prevents short circuits in high moisture environments, halts electrical leakage from wet ignition wires



Above right: 12 oz. (.3L) Aerosol Can. Above: 1 pt. (.5L) Spray bottle sold empty for refilling from bulk container.

Right: M1 Aerosol Cans spray upside down and in awkward places. Spray wand (shown) is included with each aerosol can.



See specifications on next page.



M1® All-Purpose Lubricant (continued)

Industrial Applications

Applications for industry are equally endless. Protect working surfaces of machinery; use in dip tanks to protect production parts in process, or apply on tools when stored. M1 is also ideal in highly corrosive situations that destroy metal equipment like rollers, racks, conveyors, etc. used in marine environments.

Universal Applications

Use to dry wet automotive ignition systems. Great on ski bindings and prevents snow from sticking to shovels. Ideal on sticky drawer slides and window frames. Removes tar from car bumpers and painted surfaces. Can also be easily removed to prepare surfaces for painting. Use on tools, hinges, appliances, guns, knives, bicycles, mowers, fishing gear, locks, and on and on...

Bulk Containers

Larger size containers of M1 make economical sense. You can also use and refill the handy spray dispenser bottle that saves you money and prevents the unwanted waste and disposal of empty cans.

Bulk Containers



1 Gallon Can (3.75 liters).



5 Gallon Pail (19 liters).



53 Gallon Drum (200 liters).

M1 is available in bulk for industrial applications in 1 Gallon (3.75 liters) Cans, 5 Gallon (19 liter) Pails, and 53 Gallon (200 liter) Drums.

Specifications

Color	amber (clear)
Odor	pleasant
Specific Gravity80 @ 60° F (15.5° C)
Viscosity	2.2 cSt (centiStokes) converts to 10.5 SUS (seconds universal Saybolt) at 72° F (22.2° C)
Lubrication	1500 lbs. (680.4 kg) of pressure (independent testing)
Flash Point	152° F (67° C) T.O.C. (Toledo open cup)
Percent Non-Volatile	15% by weight
Percent Volatile, Maximum	85% by weight petroleum distillate
Pour Point	-100° F (-73° C) excellent low temperature stability
Evaporation Rate7 (water = 1)
Coverage	3500 to 4000 sq. ft. (72-82 sq. meters) per U.S. Gal. (4.5 liters)
Boiling Point, Initial	370 - 470° F (187.8 - 243.3° C)
Weight, Applied Coating	1.7 x 10 ⁻³ lbs. per sq. ft.
Film Thickness0004" (0.010mm) average
Dielectric Strength	18,000 v with .100" (2.54mm) gap
Humidity	meets and exceeds ASTM-D655 zero rust after 1000 hours
Salt Spray	meets and exceeds ASTM-B117 zero rust after 48 hours
	Indoor protection lasts up to a year.
	Outdoor protection – reapply as needed.

NSF registered No. 124332

Category Code H2 Acceptable as a lubricant, release agent or anti-rust film on equipment and machinery parts in and around food processing areas where there is no possibility of direct food contact

NOTE: Most plastics, rubber and painted materials show no visible effects when coated with M1.

Description	Catalog No.	EDP No.
Case of 12/12 oz. (0.3 liter) Aerosol Cans	M1 95173	95173

Bulk Containers

Description	Catalog No.	EDP No.
4/1 Gal. (3.75 liter) Containers	M-1.01	93221
5 Gal. (19 liters) Pail	M-1.05	93227
53 Gal. (200 liters) Drum	M-1.53	93233

Spray Dispenser

Description	Catalog No.	EDP No.
Case of 4 1 Pint (0.5 liter) Empty Spray Bottle	M-1.15	93251