

TECHNICAL DATA SHEET

판매처 : 하이켄

TEL 82 2 894 1545 / FAX 82 2 863 1545

www.highchem.co.kr



M1® Industrial Quality All-Purpose Lubricant

The Starrett Company is a leader in precision measuring tools. We use M1® in our manufacturing areas and it works. The best lubricant value for your money. Simultaneously dries as it protects, avoiding dirt, grime, etc., that other "wet" lubricants actually attract

Sprays upside down

Lubricates: is free of silicone, making it an excellent lubricant. Stands up to extreme temperatures.

Penetrates: works quickly to free frozen nuts, bolts, and metal parts

Prevents Rust: provides a molecular shield that locks to the metal

Cleans: removes grease, tar, and grime from metal parts and painted surfaces

Stops squeaks

Displaces moisture: 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

Industrial Applications

Applications for industry are nearly 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 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 spray dispenser bottle, saving you money and preventing waste and disposal of empty cans.

Specifications

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Color	amber (clear)
Odor	pleasant
Specific Gravity	788 @ 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)
Percent Non-Volatile	15% by weight
Percent Volatile	85% by weight petroleum distillate
Maximum	
Pour Point	-100° F (-73° C) excellent low temperature stability
Evaporation Rate	.7 (water = 1)
Coverage	3500 to 4000 sq. ft. (72-82 sq. meters) per U.S. Gal. (4.5 liters)
Boiling Point	370-470°F (187.8-243.3°C)
Weight, Applied Coating	1.7 x 10 ⁻³ lbs. per sq. ft.
Film Thickness	.0004" (0.010 mm) average
Dielectric Strength	18,000 v with .100" (2.54 mm) 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. Acceptable as a lubricant, release agent or anti-rust film on equipment and 124332, Category Code 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.