



AGS COMPANY

P.O. Box 729
Muskegon, MI 49443
231-733-2101 Fax: 231-733-1784
info@agscompany.com

Lock Ease Graphited Lock Fluid

DESCRIPTION: The product supplied under this specification is a graphited lubricant, water-repellant and anti-corrosion coating for lock mechanisms, dispersed in an evaporating vehicle.

APPLICATION Lock Ease can be applied by brush, dip or spray with any suitable applicator. Provides a long-lasting lubricating film of minimum thickness with maximum rust protection on all common metals and water repellancy.

COMPOSITION: The active ingredients include an aluminum stearate and petroleum oil lubricant, colloidal graphite, water-repellant and anti corrosion additives. The remainder of the composition consists of an evaporating mineral spirits' type vehicle.

Specific Requirements Applicable to the Product as Received in the Container

1. Quality: The product shall be free of abrasive contaminants and be uniform from lot to lot.
2. Flash Point: The product has a minimum flash point of 100°F. as determined by the Tag. Closed-Cup method or 115°F. by the Cleveland Open-Cup method.
3. Toxicity: The product shall have an acute oral LD 50 value in excess of 20 grams per kilogram. (Because of the petroleum distillate content, caution labeling will still be required for packages subject to the Federal Hazardous Substances Labeling Act.)
4. Penetrating Action: The product has good capillary action to enable it to reach the most remote parts of a lock mechanism.
5. Storage Stability: This material does not settle more than 10% in 24 hours and slight agitation restores original dispersion.
6. Specific Gravity @ 60°F.: .81 to .83
7. Water Content: Nil
8. Viscosity @ 100°F.: 40 ± 5 S.U.S.
9. Pour Point: Below -30°F.
10. Ash: 3% Maximum

Specific Requirements Applicable to Residual Film After Evaporation of the Vehicle

1. Film Strength: The residual lubricant has a film strength of 1000 pounds Jaw Load at failure point when tested on our Falex Machine using test sets of Pins and Vee Blocks with the following specifications:

<u>Test Pins</u>	<u>Vee Blocks</u>
SAE 3135 Steel	AISI 1137 Steel
Hardness Rb87-91	Hardness Rc 20-24
Surface Finish-10 RMS Max.	Surface Finish - 10 RMS Max.
	Block Angle - 96°

2. Corrosion Protection: The product protects a sandblasted test place of SAE 1020 steel for a minimum of 400 hours in a standard humidity cabinet under temperature of 100°F. and 95% to 100% relative humidity.
3. Temperature Range: Lubricant has good lubricating properties @ -20°F. and does not run at ambient temperatures up to 175°F.
4. Wettability: Film of residual lubricant is non-wettable with water.
5. Removal: Residual lubricant is easily removed by common solvents even after long use.

P.O. Box 729, Muskegon, MI 49443, U.S.A.

Toll Free 800-253-0403 Toll Free in Michigan Canada 800-735-0403

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Local Calls (231) 733-2101 FAX (231) 733-1784

TECHNICAL SPECIFICATION

Packaging:

LE-4	3.5fl.oz.
LE-5	Aerosol
LEK-4	3.5fl.oz. carded
LE-18	one gallon
LE-20	5 gallon