

Technical Data

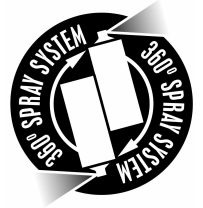


AGL 1 **MULTI PURPOSE GREASELESS LUBRICANT FOR** **ELECTRICAL EQUIPMENT**



AGL 1 is a multi purpose, greaseless lubricant preventing electrical and electronic malfunction caused by water penetration, humidity, condensation or corrosion. The stable, low surface tension, high capillary action formula provides great penetrating and wetting power.

- Cleans, lubricates, protects, penetrates and loosens corrosion
- Prevents corrosion by displacing moisture
- Restores resistance value by reducing current leakage
- Provides precision lubrication by its thin, high dielectric strength, lubricating film
- Helps restore water-damaged electrical equipment
- Frees rusted or seized parts by penetrating under dirt and scale into the finest pores and cracks
- Can be used on all metal and alloys
- Will not harm modern plastics, painted surfaces, coatings and rubbers
- Convenient 360° (all angle) spray system



APPLICATIONS

Helps to protect, lubricate and restore:

- Electrical connectors
- Motors
- Relays
- Communication assemblies
- Generators
- Electronics
- Circuit breakers
- Controls
- Alarm systems
- Transformers
- Instruments
- Starters
- Switch gears

DIRECTIONS

- Spray a light even coat to protect surfaces and seal out moisture
- Apply liberally to loosen rusted/seized parts; full penetration may require several hours
- To displace water, spray wet surfaces until run-off is clear and moisture free. When possible, dip water damaged equipment in AGL 1; agitate while submerged; remove and allow to drain.
- For application of AGL 1 in dipping baths, customers should take care to stir from time to time (to distribute small amounts of deposits) and to prevent excessive evaporation of solvent. When stable emulsions have been formed, the bath should be emptied and cleaned, and the product replaced.

- Do not use on energised equipment; allow solvent to evaporate before energising. This evaporation may take up to 4 hours, depending on surface condition and environment. Use only in well ventilated areas.

TECHNICAL DATA

Appearance	:	Light amber, clear
Specific gravity (@20°C)	:	0.83
Distillation range of solvents	:	180-250°C
Freezing point	:	<-50°C
Flash point (closed cup)	:	75°C
Dynamic viscosity (@20°C)	:	4 mPa.s
Ultimate film thickness (@20°C after a 24 hr spread)	:	2.10 ⁻⁶ m (2µm)
Maximum expected coverage (@20°C after 24 hr spread)	:	60 to 100 m ² /l.
Solvent dissipation (@20°C, thin film)	:	2-4 hrs.
Heat resistance	:	120°C (150°C short time)
Water displacement (IP 178/61, method B)	:	Pass
Film properties (after evaporation of solvent)		
Specific gravity (@20°C)	:	0.89
Falex true load failure (ASTM D 3233, Proc.A)	:	8900N
Salt spray resistance (*)	:	55 hrs.
Packaging	:	400ml, 5ltr, 25ltr, 200ltr

(*) Typical corrosion protection results will depend on surface conditions and indoor environment. It may be less than 1 month or more than 6 months. The first application therefore should be checked periodically for signs of corrosion. Once the time of protection under any specific condition is determined, AGL 1 may be reapplied at intervals to maintain protection.

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 72 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MI SREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

CRC Industries UK Limited, Wylds Road, Bridgwater, Somerset, TA6 4DD

Tel: +44 (0) 1278 727200

Fax: +44 (0) 1278 425644

Web: www.ambersil.com

E-mail: salesuk@crcind.com