



Lubricants



360° Spray System for all angle use

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

PRODUCT CODES / FILL SIZES



31567 / 400ml



32597 / 5Ltr

APPLICATIONS

Helps to protect, lubricate and restore:

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

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 (WITHOUT PROPELLANT)

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.

(*) 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.

MATERIALS COMPATIBILITY

OK	Can be used on all metal and alloys, modern plastics, painted surfaces, coatings and rubbers
CAUTION	-
NOT OK	-

STORAGE & SHELF LIFE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 6 years with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

A separate Safety Data Sheet (SDS) according to EC Regulation 73/404/EEC and 648/2004/EC is available from Ambersil.com or via info.uk@crcind.com

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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