

Multi-purpose maintenance spray

Description

Lacare® AM 70 is a maintenance spray useful for various engineering and household applications. It pores through capillary action and loosens jammed and rusted metal parts, bolts, nuts, shafts and bearings. Low viscosity of the product allows rapid penetration into minor gaps of tenaciously held moving parts and helps to reduce friction and enables easy movements of metal parts. It loosens and cleans surfaces from dirt, rust, grease and oil. The product also dissolves most adhesives enabling easy removal of labels and stickers.

Applications

AM 70 is a versatile product which lubricates moving parts and protects against rust and corrosion. Automobile, general engineering, aviation, construction, farming, sports and leisure, hardware and home improvement are major segments for extensive application of this product.

Advantages

- Excellent lubrication on moving parts
- Protects against rust and corrosion
- Penetrates and loosens tight, seized, rusty nuts and bolts
- Displaces moisture from equipment
- Free from Chlorofluorocarbons (CFC)
- Compliant to RoHS regulation

Typical specifications

Test	Unit	Reference	Value
Appearance	Visual	Visual	Clear or slightly cloudy
Colour	Visual	Visual	Brownish yellow
Odour	-	-	Slight, pleasant odour
Specific gravity at 25°C	-	ASTM D 4052	0.77 - 0.81
Viscosity on Ford Cup B4 at 25°C	Second	-	12 - 14
Flash point (open cup method)	°C	-	52
Solubility in water	-	-	Insoluble
Wear preventive (four ball test)	mm	ASTM D 4172	Max 0.82
Extreme pressure	Kg	ASTM D 2783	Passes 100 kg
Corrosion (salt spray test) for 72 hours	Hours	ASTM B 117	No rust formation
Operating temperature	°C	-	-50 to +150

Processing

Surface compatibility: AM 70 is safe on standard rubber, plastic and metals. Certain types of rubber may swell upon prolonged immersion. Wax polishes and certain wax coatings may become soft by AM 70. Polycarbonate and polystyrene may stress or crack on prolonged contact with the product. This is recommended to test surfaces first before application of AM 70.

Application:

- Shake intermittently to get uniform consistency and avoid prolonged continuous spray
- Product can be easily applied by pushing spray nozzle. Avoid spray while keeping the can upside down
- Apply liberally on jammed parts. Repeat the spray application until full penetration is achieved
- Best results can be achieved if used between 0 to 50°C

Precautions

- Highly flammable, keep containers away from heat, flame, spark and naked flame
- Keep container tightly closed when not in use
- Keep out of reach of children
- Use only in well-ventilated area

Packaging

Available in 45 gm, 85 gm and 328 gm aerosol spray can.

Storage and handling

Lacare AM 70 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sunlight. It contains highly volatile and flammable solvents. Direct or indirect exposure to heat and spark must be avoided. This product has a shelf life of two years if stored in its original container between 2°C and 40°C away from humidity and excessive heat.

Safety

Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, it should be washed off immediately with soap and warm water. Avoid breathing vapours, mist or gas. Please refer to the Safety Data Sheet (SDS) of Lacare AM 70 for detailed safety instructions.

Spills and disposal

In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

Contact

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Note

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