



Lubricants



High Temperature Resistant

AMBERGREASE SIL

PURE SILICONE GREASE

Ambergrease SIL is a high quality, pure silicone grease which is water repellent and non-melting, prevents moisture ingress. As an anti-tracking, anti-arcing coating, it will protect electrical systems. It can also be used as a multipurpose lubricating agent. It has many uses in electrical and chemical industries.

It is insoluble in water, alcohol, diluted acids and alkalis, taste free, odourless and non-toxic. Withstands marine environments.

PRODUCT CODES / FILL SIZES



31888 / 100g

APPLICATIONS

Electrical servicing:

- Anti-tracking, anti-corona discharge coating
- Waterproofing all types of electric systems
- Protection of switch gear, distributors
- Easing cables into conduits

Lubrication of:

- Instruments subjected to high or low temperatures
- Centrifuge and autoclave lid seals
- Cold room trolley castors
- Conditioning devices
- Conveyor chains
- Glass and ceramic stop-cocks and glands

O-ring and rubber seal assembly:

- Pneumatic, automotive and compressed air systems
- Plastic plumbing systems

Moulding:

- Shell moulding - for the pre-treatment of pattern plates
- Ingot moulding for brass, aluminium and silver

Typical Industries:

- | | |
|--------------------------|--------------------------|
| • Automotive | • Iron and steel |
| • Mechanical engineering | • Dock yards |
| • Workshops | • Agricultural machinery |
| • Civil engineering | • Heavy engineering |
| • Mining | • Offshore |

DIRECTIONS

- Apply straight from container and spread to cover required area.
- Can be applied by brush if desired.

TECHNICAL DATA (WITHOUT PROPELLANT)

Physical appearance	Smooth, translucent grease
Colour	Colourless
Odour	Odourless
Grade (NLGI)	2
Penetration (unworked)	200 - 260 mm/10
Penetration (worked)	280 maximum
Dielectric strength (IEC 243-1)	15.4 kV/mm
Volume resistivity (IEC3)	1.4×10^{15} ohm.mm
Dielectric loss	0.0018 at 1 kHz
TEC250	0.0022 at 1 MHz
Resistance to corrosion - EMCOR (IP220)	0:0
Water washout @38°C - (ASTM D 1264)	2% maximum
Operating temperature range	-40°C to +200°C (220°C intermittently)
Flash point	>300°C

MATERIALS COMPATIBILITY

OK	No effects on rubber, plastic and metals
CAUTION	-
NOT OK	-

STORAGE & SHELF LIFE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 3 years with correct storage.

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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