

HTS SILICONE GREASE

Spanjaard HTS Silicone Grease is an inorganically thickened, silicone grease, recommended for operation in low and high temperatures. **Spanjaard HTS Silicone Grease** is water resistant, chemically inert, has excellent insulating properties and has a long life span under conditions where conventional grease cannot be used.

APPLICATIONS

Lubricant: To lubricate parts and bearings under low speeds and light loads. **Spanjaard HTS Silicone Grease** can be used for all high and low temperature applications (silicones are however not the best lubricants for normal ambient conditions). Lubricates and does not affect rubbers and plastics e.g.

- Refrigerator and car door seals.
- Swimming pool rubbers and seals.
- Plastic gears and mechanisms.
- Electric cables drawn through conduit.
- Laboratory glass joints.
- Rubber components and cylinder rolls in train air brake applications.
- NSF registered (H1 and H2 status).

Not suitable for High Impact Polystyrene (HIPS).

Water & Corrosion Resistance: Seals electrical equipment against the ingress of moisture, and protects metal parts against corrosion e.g.

- Seals outdoor electrical fittings.
- Protects chrome plating.
- Seals screw threads and automobile battery terminals.

Insulating Compound: Silicone Paste is non-conductive and prevents electrical leakage and short circuiting e.g.

- Sealing and potting of electrical and electronic components.
- Prevents tracking on insulators.
- Protects automobile ignition systems.
- Prevents ionisation and sparking on electrical equipment.

Releasing Agent: Acts as a releasing agent in the rubber & plastics industries as well as many others e.g.

- Can be used as a release agent for polystyrene, PVC, phenolic and other resins.
- Prevents binding of components when coiled insulation varnish is cured at high temperatures.

- Acts as a mould release for rubber as well as a lubricant and preservative.
- Prevents resin build up when epoxy and other glues are used.
- Prevents icing up in deep freezers & on ski bindings.

TYPICAL PROPERTIES

Consistency - NLGI grade	2
Worked Penetration, 25°C, 1/10mm	275
Colour	White translucent
Thickener	Silica
Drop Point, °C	None
Evaporation Loss 30hrs @ 200°C,%	2.0
Cold Temperature Stability (-50°C)	Conforms
Dynamic Rust Test	<1
Copper Corrosion - 24hr/100°C	Pass
Oil Separation 30h @ 200°C,%	4.0
Water Wash Out @ 93°C,%	1,0
Timken OK Load, kg	1
Oxidation Resistance, D942,%	1,0
Dielectric strength, kV/mm	15
Useful Temperature Range °C	-40 to 200
SILICONE OIL PROPERTIES	
Oil Viscosity cSt, 40C	500
Flash Point, °C	>250



APPLICATION INSTRUCTIONS

Apply with brush, finger or grease gun.

CP/mg/ HTS Silicone Grease – Oct 2017