

SILICONE 33, 41, 44 GREASE

DESCRIPTION

SILICONE greases are formulated with silicone oils thickened with complex soap or carbon black. These greases are fortified with anti-oxidants, corrosion inhibitors and EP agents. The silicone oils due to silica in their selection do not oxidize, so lasts 5 to 10 times longer than petroleum oils in moderate temperature applications.

SILICONE-33 products are designed primarily for use on ball and roller bearings operating under light to moderate loads. These greases will neither thin out nor form gummy mass in high temperature applications.

SILICONE greases are resistant to oxidation, corrosion, moisture and water. They are inert stable and are serviceable at high and low temperature.

SILICONE 41 and 44 are greases available in light, medium and heavy consistency and with Molybdenum Disulphide as well.

PROPERTIES

| SPECIFICATION | SILICONE-33 | SILICONE-41 | SILICONE-44 |
|--------------------------|--------------|---------------|--------------|
| Soap type | Complex soap | Complex black | Complex soap |
| Colour | Pink | Black | Brown/Orange |
| NLGI Grade | 2 | 2 | 2 |
| Bleed percent | 2.0 | 5.0 | 2.0 |
| Evaporation loss | 2 | 2 | 2.5 |
| Copper strip corrosion | "O" | "O" | "O" |
| Operating Temperature °C | -40 to 120 | -40 to 250 | -30 to 190 |
| Weld load | 315 | 315 | 315 |

APPLICATION:

SILICONE-33

- Freezing temperatures as in ice cream and dairy, conveyors in cold conditions.
- Electric clock motors and instruments, Electrical meters, Plastic gears, bushes.
- Metal to plastic or rubber of plastic-to-plastic lubrication.
- Any instruments operating in cold conditions.

SILICONE-41

- Oven conveyor bearings, Wheel bearings of core ovens, carts.
- Ball and sprockets of power insulators, Pumps handling hot salts.
- Antifriction bearing of high temperature equipment's.

SILICONE-44

- Ball and roller bearings operating at high and freezing temperatures in ID fans, stenters, calendars in textiles also in fertilizers, foundries, auto, steel, power, refineries, petrochemicals.
- Textiles, rubber, Ice cream and chilling plants, Bearings in ovens, paint booths, bakeries, fans.
- Gears and bushes of plastic, nylon and rubber, Motor bearings in shipboards, steel plants etc.
- Instruments, electric motors, wipers, meters etc. for lifelong lubrication.

METHOD OF APPLICATION:

Apply as general purpose greases. **DO NOT MIX** different base grease with Silicone greases. Clean the bearing thoroughly from old grease. **Note:** Do not apply on surfaces that are required to be painted afterwards. Do not use grease SILICONE-44 on heavy loads and high speeds.

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