



JCHEM - 113

Technical Bulletin

SILICONE GREASE

JCHEM-113 is specially formulated silicon grease for use in plastic, rubber / metal pairings, ball and ball roller bearings at low and medium loads, at high and low temperatures. It is fully compatible with rubber and plastic materials. It is an excellent lubricant for rubber and plastic. It is chemical resistant, low vapor pressure, long service life and high temperature stability. It does not oxidize, gum or volatilize.

OUTSTANDING FUNCTIONAL CHARACTERISTICS

JCHEM-113 is formulated with a balanced additive to impart outstanding performance that is characterized by:

- Exceptional cleanliness at lubricated parts
- Compatible with rubber and plastic materials
- Low vapor pressure
- Chemical resistant and high temperature stability

TYPICAL APPLCIATION

JCHEM-113 is used in device that requires temperature and mechanical stability example. Flow meter bearings, fire extinguisher valves, water softener and faucet valves and lock mechanisms. Also used in valve, o-ring, mechanical seal and plug valve lubricant, control valves and pressure plug valves, sealant for vacuum and pressure systems and chemical carrier coating.

TYPICAL INSPECTION TESTS

NLGI Grade	2
Operating Temperature Range	-40 to +200°C
Color	White
Appearance	Inorganic
Thickener	Non-Soap
Dropping Point	Non Melt
Worked Penetration, D-217	265 – 295
Water Washed Out, D 1264	Nil