



JCHEM - 118

Technical Bulletin

ANTI SEIZE COMPOUND

JCHEM-118 is lead free anti-seize compound specialized lubricant for pipe threaded connections, fortified with a combination of three lubricating solids of graphite, copper and aluminum. This compound overcomes galling on assembly, reduces dismantling torque and protect against seizure due to corrosion and chemical attack.

OUTSTANDING FUNCTIONAL CHARACTERISTIC

JCHEM-118 is formulated with a balanced additive to impart outstanding performance that is characterized by:

- Suitable for use up to 1100°C
- Protection against seizure under high temperature operation
- Protection against acid, alkaline, chemical and high corrosion environment

TYPICAL APPLICATION

Pipe fittings and valves in chemical and petrochemical industry, gas refinery and oil drilling equipment, anti-friction and plain bearings specifically in kiln car lubrication.

TYPICAL INSPECTION TESTS

Base	Modified Clay
Penetration Worked (IP 50)	290 – 320 mm-1
Dropping Point, °C	Infusible
Lubricating Solids	Copper, graphite, aluminum
Salt Water Corrosion (MIL-L-21260 20 hrs 25 °C)	No corrosion
Electrical Conductivity	Excellent
Almen Weiland Machine Weld Test	2000 kg
Temperature Range	-30 °C to 1100 °C