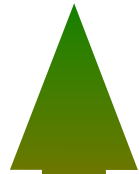


Composition of Greases

GREASE = BASE OIL + THICKENER + ADDITIVES
 100 % (70 – 95%) (3 – 20%) (0 – 10%)

More Common



Less Common

MINERAL OILS
Paraffinic
Naphthenic

SYNTHETIC OILS
Dialkylbenzène
Polyalphaolefins
Esters
Polyglycols
Silicones
Perfluoropolyethers
Polyphenylethers

SIMPLE SOAPS
Lithium
Calcium
Sodium
Aluminium
Barium (rare)

COMPLEX SOAPS
Calcium
Lithium
Aluminium
Barium (rare)

INORGANIC
Bentone
Silica
Polyurea
PTFE & other solids

ADDITIVES
Corrosion inhibitors
Anti wear
Extreme pressure
Antioxidant
Polymers
Anti copper
Solid Lubricants
Colourings
Friction Modifiers
Metal powders