

Grease Base Oil Compatibility

MOVING YOUR WORLD



Plastics	Synthetic Hydrocarbons	Esters & Polyglycols	Silicones (All Types)	Fluorinated Ethers	Mineral Oils
Acetals	●	●	●	●	●
ABS Resins	●	○	●	●	●
Phenolics	●	●	●	●	●
Polyamides	●	●	●	●	●
Polycarbonates	●	○	●	●	○
Polyethylenes	◐	◐	●	●	●
Polyphenylene Oxides	●	○	●	●	●
Polysulfones	●	○	●	●	●
Terephthalates	●	●	●	●	●

Elastomers	Synthetic Hydrocarbons	Esters & Polyglycols	Silicones (All Types)	Fluorinated Ethers	Mineral Oils
Buna S	○	○	●	●	○
Butyl	○	○	●	●	○
Ethylene Propylene	○	◐	●	●	○
Fluoroelastomers	●	○	●	●	●
Natural Rubbers	○	○	●	●	N/A
Neoprene	●	○	●	●	●
Nitrile (Buna N)	●	◐	●	●	●
Silicone	◐	◐	○	●	●

● Good ◐ Fair ○ Poor

Solvents	Synthetic Hydrocarbons	Polyglycols	Ester	Silicone	Multiplyalkylated Cyclopentane	Perfluoropolyether	Polyphenylether
Fluoroalkane	▲	▲	▲	▲	▲	●	▲
Hydrofluorocarbon	▲	▲	▲	▲	▲	■	▲
Hydrofluoroether	▲	▲	▲	▲	▲	■	▲
Isopropanol	▲	■	▲	▲	▲	▲	▲
Methanol	▲	■	▲	▲	▲	▲	▲
Mineral Spirits	●	●	●	●	●	▲	●
Water	▲	■	▲	▲	▲	▲	▲
Water plus detergent	◆	◆	◆	◆	◆	◆	◆

▲ Insoluble ■ Varies with Grade ◆ Weakly Soluble ● Soluble