
AEON 9000^{SP}

MATERIALS COMPATIBILITY

The most meaningful evaluation of compatibility of an oil with various seals, plastics, paints, and metals is in actual field testing and customer usage. Our experience has shown that AEON 9000^{SP} has performed equally as well as conventional, mineral oil based lubricants with seals, paints, metals, and plastics normally used in oil applications. We are not aware of any compatibility problems in either controlled tests or extensive service usage.

Elastomers:

Recommended (Superior Performance)

Viton (Fluoroelastomer)
BUNA-N (>36%)
Silicone

Good (Performance equal to or better than conventional mineral oil lubricants)

Neoprene
Polysulfide (Thiohol 3060)

Not Recommended

BUNA-S (SBR)
Natural Rubber
Butyl Rubber
Ethylene Propylene (EDPM)
Hypalon, Chloro-sulfonated polyethylene

Paints:

Recommended

Epoxy
Oil Resistant Alkyl

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Not Recommended

Acrylic
Latex
PVC
Water solvent Based Paints

Note: There are many paints available for industrial use. Generally, paints recommended for use in oil environments are suitable for use with AEON 9000^{SP}.

Plastics:

Recommended

Fluorocarbon
Nylon 1,1
Delrin
Celcon

Not Recommended

PVC Polystyrene
Polycarbonate
ABS

Note: The very low volatility characteristics of AEON 9000^{SP} will greatly reduce the oil carried over into air lines and equipment and therefore reduce the possibility of compatibility problems in the air line.