

ESTER COMPATIBILITY GUIDE*

The following guide is intended for use, only as a guide, regarding compatibility with **diester** and **polyol ester** oils and greases. Our experience indicates that diesters are somewhat more aggressive towards materials of conservation than are polyol esters.

Acceptable	Marginally Acceptable	Not Acceptable
A. Seal Materials		
Fluorocarbon (Viton Telfon) Nitrile Rubber (Buna-N, NBR)* Fluorosilicone Rubber Polysulfide (Thiokol) * High nitrile content (> 36% acrylonitrile)	Nitrile Rubber (Buna-N, NBR)* Polyurethane Ethylene-Propylene Terpolymer (EPDM) Epichlorohydrin Polyacrylate Rubber Silicone Rubber *Medium nitrile content (30-36% acrylonitrile)	Polychloroprene (Neoprene) Natural Rubber Styrene-Butadiene Rubber (SBR, Buna-S) Butyl Rubber Chlorosulfonated Polyethylene Nitrile Rubber (Buna-N, NBR)* *Low nitrile content (< 30% acrylonitrile)
B. Paints		
Epoxy Baked Phenolic Two-Component Urethane Moisture-cured Urethane	Alkyds (Baked finish preferred) Phenolic Single Component Urethane Industrial Latex	Acrylic Latex (Household Type) Vinyl (PVC) Varnish Lacquer
C. Plastics		
Nylon (including filled) Fluorocarbon (Teflon) Polyacetal (Delrin, Celcon)	Polyurethane Polyethylene Polypropylene Polycarbonate (Lexan) Acrylic (Lucite, Plexiglas) Polysulfone Phenylene Oxide (Noryl)	Polystyrene Polyvinyl Chloride ABS (acrylonitrile/ butadiene/ styrene)
D. Metals		
Steel and Alloys Aluminum and Alloys Copper and Alloys Tin Nickel Inconel, Monel	Cadmium Zinc	Lead (Certain products contain lead corrosion inhibitors and are acceptable)

*The information in this bulletin is, to the best of our knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control.