Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static seal) 4 - Unsatisfactory x - Insufficient Data	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	Hifluor FKM	Perfluoroelastomer FFKM	Aflas (TFE/Propylene) FEPM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	Butadiene BR	Isoprene IR	Natural Rubber NR	Epichlorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, PVMQ
- T -																		
Tallow	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Tannic Acid (10%)	1	1	1	1	1	1	x	1	2	4	x	1	1	1	1	1	1	2
Tar, bituminous	2	2	4	1	1	1	x	3	4	4	x	4	4	2	3	4	1	2
Tartaric Acid	1	1	2	1	1	1	x	2	4	x	1	2	2	1	3	1	1	1
Tellone II	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Terephthalic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Terpineol	2	2	3	1	1	1	x	4	4	x	2	3	4	4	4	4	1	x
Terpinyl Acetate	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Tertiary Amyl Methyl Ether (TAME)	x	x	x	x	2	1	x	x	x	x	x	x	x	x	x	x	x	x
Tertiary Butyl Catechol or p-Tertiary Butyl Catechol	4	4	2	1	1	1	x	2	2	4	4	2	2	4	4	2	1	x
Tertiary Butyl Mecraptan	4	4	4	1	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Tetrabromoethane	4	4	4	1	1	1	x	4	4	4	x	4	4	4	4	4	2	4
Tetrabromomethane	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Tetrabutyl Titanate	2	2	1	1	1	1	x	2	2	x	x	2	2	2	2	4	4	4
Tetrachloroethylene	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Tetrachloroethane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	x
Tetraethyl Lead	2	2	4	1	1	1	x	2	4	x	x	4	4	4	4	4	2	x
Tetraethyl Lead "Blend"	2	2	4	1	1	1	x	4	4	x	x	4	4	4	4	4	2	x
Tetraethyl Orthosilicate (TEOS)	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Tetrahydrofuran	4	4	2	4	1	1	x	4	4	4	3	2	4	4	4	4	4	4
Tetralin	4	4	4	1	1	1	x	4	4	x	x	4	4	4	4	4	1	4
Tetramethyl Ammonium Hydroxide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Tetramethylcyclotetrasiloxane (TMCTS)	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Tetramethyldihydropyridine	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Tetraphosphoglucosate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Tetraphosphoric Acid	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x

DRAGON SEAL
Limited Partnership

WWW.24RUBBER.COM

Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static seal) 4 - Unsatisfactory x - Insufficient Data	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	Hiflur FKM	Perfluoroelastomer FFKM	Aflas (TFE/Propylene) FEPM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	Butadiene BR	Isoprene IR	Natural Rubber NR	Epichlorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, PVMQ
Texaco 3450 Gear Oil	1	1	4	1	1	1	x	4	4	1	1	4	4	4	4	4	1	4
Texaco Capella A and AA	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	1	4
Texaco Meropa 220 (No Lead)	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	1	4
Texaco Regal B	1	1	4	1	1	1	x	4	4	1	1	4	4	4	4	4	1	4
Texaco Unit-Temp Grease	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	4	1	2
Texamatic "A" 1581 Fluid	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	2	4
Texamatic "A" 3401 Fluid	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	2	4
Texamatic "A" 3525 Fluid	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	2	4
Texamatic "A" 3528 Fluid	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	2	4
Texamatic "A" Transmission Oil	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	2	4
Texas 1500 Oil	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	4	1	2
Therminol 44	4	4	4	1	1	1	x	4	x	4	x	4	x	x	x	x	x	4
Therminol 55	2	2	4	1	1	1	x	4	x	2	x	4	x	x	x	x	x	4
Therminol 66	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Therminol FR	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Therminol VP-1, 60, 65	4	4	4	1	1	1	x	4	x	4	x	4	x	x	x	x	x	2
Thio Acid Chloride	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Thioamyl Alcohol	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Thiodiacetic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Thioethanol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Thioglycolic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Thiokol TP-90B	4	4	1	1	1	1	x	2	4	x	x	1	x	x	x	2	2	x
Thiokol TP-95	4	4	1	1	1	1	x	2	4	x	x	2	x	x	x	2	2	x
Thionyl Chloride	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Thiophene (Thiofuran)	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Thiophosphoryl Chloride	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Thiourea	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Thorium Nitrate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Tidewater Multigear, 140 EP Lube	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
Tidewater Oil-Beedol	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	4	1	2

WWW.24RUBBER.COM

DRAGON SEAL
Limited Partnership

Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static seal) 4 - Unsatisfactory x - Insufficient Data	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	Hiflur FKM	Perfluoroelastomer FFKM	Aflas (TFE/Propylene) FEPM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	Butadiene BR	Isoprene IR	Natural Rubber NR	Epichlorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, PVMQ
Tin Ammonium Chloride	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Tin Chloride	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Tin Tetrachloride	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Titanic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Titanium Dioxide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Titanium Sulfate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Titanium Tetrachloride	2	2	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Toluene	4	4	4	1	2	1	x	4	4	4	4	4	4	4	4	4	2	4
Toluene Bisodium Sulfite	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Toluene Diisocyanate (TDI)	4	4	2	4	1	1	x	4	4	4	x	2	4	4	4	4	4	4
Toluene Sulfonyl Chloride	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Toluenesulfonic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Toluidine	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Toluol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Toluquinone	2	2	4	1	1	1	x	4	4	3	4	4	4	4	4	4	2	x
Tolyladehyde	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Transformer Oil	1	1	4	1	1	1	x	2	4	2	1	4	4	4	4	4	1	2
Transmission Fluid Type A	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Triacetin	2	2	1	4	1	1	x	2	3	4	4	1	2	2	2	2	4	x
Triaryl Phosphate	4	4	1	1	1	1	x	4	4	4	4	1	4	4	4	4	2	3
Tribromomethylbenzene	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Tributoxyte	4	4	1	1	1	1	x	4	2	4	4	1	2	4	2	4	2	x
Tributyl Citrate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Tributyl Mercaptan	4	4	4	1	1	1	x	4	4	4	x	4	4	4	4	4	3	4
Tributyl Phosphate	4	4	1	4	4	4	x	4	4	4	4	2	4	2	2	4	4	4
Tributylamine	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Trichloroacetic Acid	2	2	2	3	1	1	x	4	2	4	4	2	2	2	2	4	4	x
Trichloroacetyl Chloride	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Trichlorobenzene	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Trichloroethane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4

WWW.24RUBBER.COM

DRAGON SEAL
Limited Partnership

WWW.24RUBBER.COM

Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static seal) 4 - Unsatisfactory x - Insufficient Data	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	Hifluor FKM	Perfluoroelastomer FFKM	Aflas (TFE/Propylene) FEPM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	Butadiene BR	Isoprene IR	Natural Rubber NR	Epichlorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, PVMQ
Trichloroethanolamine	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Trichloroethylene	3	3	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Trichloromethane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Trichloronitromethane (Chloropicrin)	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Trichlorophenylsilane	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Trichloropropane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Trichlorosilane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Tricresyl Phosphate	4	4	1	2	1	1	x	3	2	4	4	1	4	4	4	4	2	3
Triethanol Amine	3	3	2	4	1	1	x	2	2	4	4	2	2	2	2	2	4	x
Triethyl Phosphate	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Triethylaluminum	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Triethylborane	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Triethylene Glycol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Triethylenetetramine	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Trifluoracetic Acid	3	3	1	3	2	2	x	1	1	4	4	1	1	1	1	1	1	2
Trifluoroethane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Trifluoromethane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Trifluorovinylchloride	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Triisopropylbenzylchloride	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Trimethylamine	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Trimethylamine (TMA)	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Trimethylbenzene	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Trimethylborate (TMB)	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Trimethylpentane	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Trinitrololuene (TNT)	4	4	4	2	1	1	x	2	4	4	x	4	4	4	4	2	2	x
Triocyl Phosphate	4	4	1	2	1	1	x	4	4	4	1	4	4	4	4	4	2	3
Triphenylphosphite	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Tripoly Phosphate	4	4	1	2	1	1	x	3	4	4	4	1	4	4	4	4	1	3
Tripotassium Phosphate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Trisosium Phosphate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2

WWW.24RUBBER.COM

DRAGON SEAL
Limited Partnership

Tel : 02-9393653, Mobile : 0855394997 Fax : 02-9393653

Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static seal) 4 - Unsatisfactory x - Insufficient Data	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	Hiflur FKM	Perfluoroelastomer FFKM	Aflas (TFE/Propylene) FEPM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	Butadiene BR	Isoprene IR	Natural Rubber NR	Epichlorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, PVMQ
Tritium	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tung Oil (China Wood Oil)	1	1	4	1	1	1	x	2	4	x	3	3	4	4	4	3	2	4
Tungsten Hexafluoride	x	x	x	x	2	2	x	x	x	x	x	x	x	x	x	x	x	x
Tungstic Acid	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Turbine Oil	1	1	4	1	1	1	x	4	4	1	1	4	4	4	4	4	1	4
Turbine Oil #15 (MIL-L-7808A)	2	2	4	1	1	1	x	4	4	2	4	4	4	4	4	4	2	4
Turbo Oil #35	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	4	1	4
Turpentine	1	1	4	1	1	1	x	4	4	2	4	4	4	4	4	4	2	4
Type II Fuel MIL-S-3136	2	2	4	1	1	1	x	4	4	3	2	4	4	4	4	4	2	4
Type I Fuel (MIL-S-3136) (ASTM Ref. Fuel A)	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
Type III Fuel (MIL-S-3136) (ASTM Ref. Fuel B)	2	2	4	1	1	1	x	4	4	3	2	4	4	4	4	4	2	4

WWW.24RUBBER.COM

DRAGON SEAL
Limited Partnership