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
- M -																		
Magnesium Chloride	1	1	1	1	1	1	x	1	1	x	1	1	1	1	1	1	1	1
Magnesium Hydroxide	2	2	1	1	1	1	x	2	2	4	4	1	2	2	2	1	x	x
Magnesium Salts	1	1	1	1	1	1	x	1	1	1	1	1	1	1	1	1	1	1
Magnesium Sulfite and Sulfate	1	1	1	1	1	1	x	1	2	4	x	1	2	2	2	1	1	1
Magnesium Trisilicate	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Malathion	2	2	4	1	1	1	x	x	4	x	x	4	4	4	4	x	2	4
Maleic Acid	4	4	4	1	1	1	x	4	4	4	x	4	4	4	4	4	x	x
Maleic Anhydride	4	4	2	4	1	1	x	4	4	4	x	2	4	4	4	4	x	x
Maleic Hydrazide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Malic Acid	1	1	2	1	1	1	x	2	2	4	x	4	2	1	3	2	1	2
Mandelic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Acetate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Carbonate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Chloride	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Dioxide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Gluconate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Hypophosphite	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Linoleate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Naphthenate	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Manganese Phosphate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganese Sulfate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganous Chloride	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganous Phosphate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Manganous Sulfate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mannitol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
MCS 312	4	4	4	1	1	1	x	4	4	4	x	4	4	4	4	x	1	1
MCS 352	4	4	1	4	4	4	x	4	4	4	4	2	4	4	4	4	3	3
MCS 463	4	4	1	4	4	4	x	4	4	4	4	2	4	4	4	4	3	3

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
MDI (Methylene di-p-phenylene isocyanate)	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercaptan	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Mercaptobenzothiazole (MBT)	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Mercuric Acetate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercuric Chloride	1	1	1	1	1	1	x	1	1	x	x	1	1	1	1	1	x	x
Mercuric Cyanide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercuric Iodide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercuric Nitrate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercuric Sulfate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercuric Sulfite	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercurous Nitrate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercury	1	1	1	1	1	1	x	1	1	x	x	1	1	1	1	1	x	x
Mercury Chloride	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercury Fulminate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercury Salts	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mercury Vapors	1	1	1	1	1	1	x	1	1	x	x	1	1	1	1	1	x	x
Mesityl Oxide (Ketone)	4	4	2	4	1	1	x	4	4	4	4	2	4	4	4	4	4	4
Meta-Cresol	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Metaldehyde	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Meta-Nitroaniline	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Meta-Toluidine	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methacrylic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methallyl Chloride	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methane	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	2	3	4
Methanol	4	4	1	4	1	1	x	1	1	4	4	1	1	1	1	1	1	1
Methoxychlor	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Methoxyethanol (DGMMA)	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Abietate	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Acetate	4	4	2	4	2	1	x	2	4	4	4	2	4	4	4	4	4	4

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
Methyl Acetoacetate	4	4	2	4	1	1	x	4	x	4	4	2	x	x	x	4	4	2
Methyl Acetophenone	x	x	x	1	2	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Acrylate	4	4	2	4	1	1	x	2	4	4	4	2	4	4	4	4	4	4
Methyl Alcohol	4	4	1	4	1	1	x	1	1	4	4	1	1	1	1	1	1	1
Methyl Amylketone	3	3	1	3	2	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Anthranilate	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Benzoate	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	1	4
Methyl Bromide	2	2	4	1	1	1	x	4	4	3	x	4	4	4	4	4	1	x
Methyl Butyl Ketone	4	4	1	4	2	1	x	4	4	4	4	1	4	4	4	4	4	4
Methyl Butyrate Cellosolve	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Butyrate Chloride	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Carbonate	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Methyl Cellosolve	3	3	2	4	1	1	x	3	4	4	4	2	4	4	4	2	4	4
Methyl Cellulose	2	2	2	4	1	1	x	2	2	4	2	2	2	2	2	2	4	2
Methyl Chloride	4	4	3	1	1	1	x	4	4	4	4	3	4	4	4	4	2	4
Methyl Chloroacetate	3	3	1	3	2	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Chloroform	4	4	4	1	1	1	4	4	4	x	x	x	x	x	x	x	x	x
Methyl Chloroformate	4	4	4	1	1	1	4	4	4	4	4	4	4	4	4	4	2	4
Methyl Chlorosilanes	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Methyl Cyanide (Acetonitrile)	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Cyclohexanone	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Methyl Dichloride	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Ether	1	1	4	1	2	1	x	3	4	4	x	4	1	1	4	4	1	1
Methyl Ethyl Ketone (MEK)	4	4	1	4	2	1	x	4	4	4	4	1	4	4	4	4	4	4
Methyl Ethyl Ketone Peroxide	4	4	4	4	1	1	x	4	4	4	4	4	4	4	4	4	4	2
Methyl Ethyl Oleate	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Formate	4	4	2	x	1	1	x	2	4	x	x	2	4	4	4	2	x	x
Methyl Hexyl Ketone (2-Octanone)	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Iodide	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2

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
Methyl Isobutyl Ketone (MIBK)	4	4	3	4	1	1	x	4	4	4	4	3	4	4	4	4	4	4
Methyl Isocyanate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Isopropyl Ketone	4	4	2	4	1	1	x	4	4	4	4	2	4	4	4	4	4	4
Methyl Isovalerate	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Lactate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methyl Mercaptan	x	x	1	x	1	1	x	x	x	x	x	1	x	x	x	x	x	x
Methyl Methacrylate	4	x	4	4	1	1	x	4	4	4	x	4	4	4	4	4	4	4
Methyl Oleate	4	4	2	1	1	1	x	4	4	x	x	2	4	x	4	4	2	x
Methyl Pentadiene	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Phenylacetate	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl Salicylate	4	4	2	x	1	1	x	4	3	x	x	2	x	x	3	4	x	x
Methyl Tertiary Butyl Ether (MTBE)	3	3	3	3	2	1	2	3	x	x	x	x	x	x	x	x	x	x
Methyl Valerate	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methyl-2-Pyrrolidone or n-Methyl-2-Pyrrolidone	x	x	2	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Methylacrylic Acid	4	4	2	3	1	1	x	2	4	4	4	2	4	4	4	4	4	4
Methylal	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Methylamine	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methylamyl Acetate	3	3	1	2	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methylcyclopentane	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Methylene Bromide	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methylene Chloride	4	4	4	2	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Methylene Iodide	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methylglycerol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Methylisobutyl Carbinol	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Methylpyrrolidine	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methylpyrrolidone	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Methylsulfuric Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
MIL-A-6091	2	2	1	1	1	1	x	1	1	4	4	1	1	1	1	1	1	1
MIL-C-4339	1	1	4	1	1	1	x	4	4	1	1	4	4	4	4	4	1	3

WWW.24RUBBER.COM

DRAGON SEAL
Limited Partnership

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

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
MIL-C-7024	1	1	4	1	1	1	x	2	4	2	1	4	4	4	4	4	1	4
MIL-C-8188	2	2	4	2	1	1	x	4	4	3	4	4	4	4	4	4	2	4
MIL-E-9500	1	1	1	1	1	1	x	1	1	4	4	1	1	1	1	1	1	1
MIL-F-16884	1	1	4	1	1	1	x	3	4	1	3	4	4	4	4	3	1	4
MIL-F-17111	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	2	2	4
MIL-F-25558 (RJ-1)	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
MIL-F-25656	1	1	4	1	1	1	x	4	4	2	2	4	4	4	4	4	2	4
MIL-F-5566	2	2	1	1	1	1	x	2	2	4	2	1	2	1	1	1	1	1
MIL-F-81912(JP-9)	3	3	4	1	1	1	x	4	4	4	3	4	x	x	4	x	2	4
MIL-F-82522(RJ-4)	2	2	4	1	1	1	x	4	4	1	1	4	1	1	1	x	1	4
MIL-G-10924	1	1	4	1	1	1	x	2	4	2	1	4	4	4	4	2	1	4
MIL-G-15793	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	2	4
MIL-G-21568	1	1	1	1	1	1	x	1	1	1	1	1	1	1	1	1	1	4
MIL-G-25013	1	1	1	1	1	1	x	2	1	1	3	1	4	4	2	2	1	4
MIL-G-25537	1	1	4	1	1	1	x	2	4	2	1	4	4	4	4	2	1	4
MIL-G-25760	2	2	4	1	1	1	x	2	4	2	2	4	4	4	4	2	2	4
MIL-G-3278	2	2	4	1	1	1	x	4	4	1	2	4	4	4	4	4	2	4
MIL-G-3545	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
MIL-G-4343	2	2	3	1	1	1	x	2	1	1	1	3	1	1	1	1	1	3
MIL-G-5572	1	1	4	1	1	1	x	4	4	2	2	4	4	4	4	4	1	4
MIL-G-7118	2	2	4	1	1	1	x	2	4	3	3	4	4	4	4	2	1	4
MIL-G-7187	1	1	4	1	1	1	x	4	4	1	1	4	4	4	4	4	1	4
MIL-G-7421	2	2	4	1	1	1	x	2	4	4	2	4	4	4	4	2	2	4
MIL-G-7711	1	1	4	1	1	1	x	4	4	2	1	4	4	4	4	4	1	2
MIL-H-13910	1	1	1	1	1	1	x	1	1	2	4	1	1	1	1	1	2	4
MIL-H-19457	4	4	2	1	1	1	x	4	4	4	4	1	4	4	4	4	4	3
MIL-H-22251	2	2	1	x	x	x	x	2	2	x	x	1	x	x	x	2	x	4
MIL-H-27601	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	3	2	4
MIL-H-46170-15°F to +400°F	1	1	4	1	1	1	x	2	4	2	2	4	4	4	4	2	1	4
MIL-H-46170-20°F to +275°F	1	1	4	1	1	1	x	2	4	2	2	4	4	4	4	2	1	4

DRAGON SEAL
Limited Partnership

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

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
MIL-H-46170-55°F to +275°F	1	1	4	1	1	1	x	2	4	2	2	4	4	4	4	2	1	4
MIL-H-46170-65°F to +275°F	1	1	4	1	1	1	x	2	4	2	2	4	4	4	4	2	1	4
MIL-H-5606-65°F to +235°F	1	1	4	1	1	1	x	2	4	2	2	4	4	4	4	2	1	4
MIL-H-5606-65°F to +275°F	1	1	4	1	1	1	x	2	4	2	2	4	4	4	4	2	1	4
MIL-H-6083	1	1	4	1	1	1	x	1	4	1	1	4	4	4	2	2	1	4
MIL-H-7083	1	1	1	2	1	1	x	2	2	4	4	1	3	3	2	2	1	1
MIL-H-8446 (MLO-8515)	2	2	4	1	1	1	x	1	4	3	4	4	4	4	4	x	1	4
MIL-J-5161	2	2	4	1	1	1	x	4	4	1	2	4	4	4	4	4	1	4
Milk	1	1	1	1	1	1	x	1	1	4	4	1	1	1	1	1	1	1
MIL-L-15016	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	2	4
MIL-L-15017	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	2	4
MIL-L-17331	1	1	4	1	1	1	x	x	4	x	x	4	4	4	4	x	x	4
MIL-L-2104	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	3	1	4
MIL-L-21260	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
MIL-L-23699	2	2	4	1	1	1	x	3	4	3	3	4	4	4	4	3	2	4
MIL-L-25681	2	2	1	1	1	1	x	2	2	2	3	1	2	2	2	2	2	4
MIL-L-3150	1	1	4	1	1	1	x	2	4	2	2	4	4	4	4	2	1	4
MIL-L-6081	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
MIL-L-6082	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	3
MIL-L-6085	2	2	4	1	1	1	x	4	4	2	3	4	4	4	4	4	2	4
MIL-L-6387	2	2	4	1	1	1	x	4	4	2	1	4	4	4	4	4	2	4
MIL-L-7808	2	2	4	1	1	1	x	4	4	2	4	4	4	4	4	4	2	4
MIL-L-7870	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	1	4
MIL-L-9000	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	2	2	4
MIL-L-9236	2	2	4	1	1	1	x	4	4	2	2	4	4	4	4	4	2	4
MIL-O-3503	1	1	4	1	1	1	x	2	4	2	1	4	4	4	4	2	1	4
MIL-P-27402	2	2	1	x	x	x	x	2	2	x	x	1	x	x	x	2	x	4
MIL-R-25567 (RP-1)	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
MIL-S-3136, Type I Fuel	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
MIL-S-3136, Type II Fuel	2	2	4	1	1	1	x	4	4	3	2	4	4	4	4	4	2	4

DRAGON SEAL
Limited Partnership

WWW.24RUBBER.COM

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
MIL-S-3136, Type III Fuel	2	2	4	1	1	1	x	4	4	3	2	4	4	4	4	4	2	4
MIL-S-3136, Type IV Oil High Swell	1	1	4	1	1	1	x	4	4	1	1	4	4	4	4	4	1	2
MIL-S-3136, Type IV Oil Low Swell	1	1	4	1	1	1	x	1	4	1	1	4	4	4	4	1	1	3
MIL-S-3136, Type V Oil Medium Swell	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
MIL-S-81087	1	1	1	1	1	1	x	1	1	1	1	1	1	1	1	1	2	3
MIL-T-5624, JP-4, JP-5	1	1	4	1	1	1	x	4	4	2	2	4	4	4	4	4	2	4
MIL-T-83133	1	1	4	1	1	1	x	3	4	1	1	4	x	x	4	x	2	4
Mineral Oils	1	1	3	1	1	1	x	2	4	1	1	3	4	4	4	2	1	2
Mixed Acids	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
MLO-7277 Hydr.	3	3	4	1	1	1	x	4	4	3	3	4	4	4	4	4	3	4
MLO-7557	3	3	4	1	1	1	x	4	4	3	3	4	4	4	4	4	3	4
MLO-8200 Hydr.	2	2	4	1	1	1	x	1	4	x	1	4	4	4	4	4	2	4
MLO-8515	2	2	4	1	1	1	x	1	4	3	1	4	4	4	4	3	1	4
Mobil 24dte	1	1	4	1	1	1	1	2	x	x	x	x	x	x	x	x	x	x
Mobil 254 Lubricant	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Mobil Delvac 1100, 1110, 1120, 1130	1	1	4	1	1	1	1	2	x	x	x	x	x	x	x	x	x	x
Mobil HF	1	1	4	1	1	1	x	2	x	x	x	x	x	x	x	x	x	x
Mobil Nivac 20, 30	1	1	1	1	1	1	1	1	x	x	x	x	x	x	x	x	x	x
Mobil SHC 500 Series	3	3	4	1	1	1	x	2	x	1	2	4	x	x	x	2	2	2
Mobil SHC 600 Series	3	3	4	1	1	1	x	2	4	1	1	4	x	x	x	2	2	3
Mobil Therm 600	1	1	4	1	1	1	1	2	x	x	x	x	x	x	x	x	x	x
Mobil Velocite c	1	1	4	1	1	1	1	2	x	x	x	x	x	x	x	x	x	x
Mobilgas WA200 ATF	1	1	4	1	1	1	1	2	x	x	x	x	x	x	x	x	x	x
Mobilgear 600 Series	3	3	3	1	1	1	x	1	4	1	2	3	3	4	4	2	1	1
Mobilgear SHC ISO Series	3	3	3	1	1	1	x	2	4	1	2	3	3	4	4	2	1	1
Mobilgrease HP	2	2	4	1	1	1	x	2	4	1	1	4	x	4	4	3	1	2
Mobilgrease HTS	2	2	4	1	1	1	x	2	4	1	1	4	x	4	4	3	1	2
Mobilgrease SM	2	2	4	1	1	1	x	2	4	1	1	4	x	4	4	3	1	2
Mobilith AW Series	2	2	4	1	1	1	x	2	4	1	1	4	x	4	4	3	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
Mobility SHC Series	2	2	4	1	1	1	x	2	4	1	1	4	x	4	4	3	1	2
Mobiljet II Lubricant	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Mobilmistlube Series	3	3	3	1	1	1	x	1	4	1	2	3	3	4	4	2	1	1
Mobiloil SAE 20	1	1	4	1	1	1	1	2	x	x	x	x	x	x	x	x	x	x
Mobilux	1	1	4	1	1	1	1	2	x	x	x	x	x	x	x	x	x	x
Molybdenum Disulfide Grease	1	x	4	1	1	1	1	4	x	x	x	x	x	x	x	x	x	x
Molybdenum Oxide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Molybdenum Trioxide	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Molybdic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Monobromobenzene	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Monobromotoluene	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Monobutyl Paracresol	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Monochloroacetic Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Monochlorobenzene	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Monochlorobutene	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Monochlorohydrin	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Monoethanolamine (MEA)	4	4	2	4	2	1	x	4	2	4	4	2	2	2	2	4	4	2
Monoethyl Amine	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Monoisopropylamine	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Monomethe Aniline	4	x	1	2	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Monomethyl Ether (Dimethyl Ether)	x	x	x	x	2	1	x	x	x	x	x	x	x	x	x	x	x	x
Monomethyl Ether (Methyl Ether)	1	x	4	1	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Monomethyl Hydrazine	2	2	1	x	1	1	x	2	2	x	x	1	x	x	x	2	x	4
Monomethylamine (MMA)	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Monomethylaniline	4	4	2	2	1	1	x	4	4	4	4	2	4	4	4	4	x	x
Mononitrotoluene	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Mononitrotoluene & Dinitrotoluene (40/60 Mixture)	4	4	1	3	2	2	x	4	4	4	4	4	4	4	4	4	3	4

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
Monovinyl Acetylene	1	1	1	1	1	1	x	2	2	x	x	1	2	2	2	2	x	2
Mopar Brake Fluid	3	3	1	4	4	4	x	2	1	x	x	2	x	x	x	2	4	3
Morpholine	x	x	x	1	1	1	x	x	x	3	4	4	4	4	4	4	2	x
Motor Oils	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	2
Mustard Gas	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Myristic Acid	x	x	x	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x

WWW.24RUBBER.COM

DRAGON SEAL
Limited Partnership

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