

Mueller Refrigeration Product Compatibility with Refrigerants and Refrigeration Oils

The following refrigerants and oils were tested on all of Mueller's current product components

Refrigerant	Refrigerant Oil	Compatibility	Safety Class	PED Fluid Group
R-11	Mineral	Yes	A1	2
R-12	Alkylbenzene	Yes	A1	2
	Mineral			
R-22	Alkylbenzene	Yes	A1	2
	Mineral			
R-32	Polyol Ester (POE)	Yes	A2L	1
	Polyvinylether (PVE)			
R-123	Mineral	Yes	B1	2
	Alkylbenzene			
R-134a	Polyol Ester	Yes	A1	2
	Polyalkylene Glycol			
R-290	Polyvinylether (PVE)	Yes	A3	1
R-404a	Polyol Ester	Yes	A1	2
R-407a	Polyol Ester	Yes	A1	2
R-407c	Polyol Ester	Yes	A1	2
R-410a	Polyol Ester	Yes	A1	2
	Artic 22cc (POE)			
R-448A	Polyol Ester	Yes	A1	2
R-449A	Polyol Ester	Yes	A1	2
R-450A	Polyol Ester	Yes	A1	2
R-452A	Polyol Ester	Yes	A1	2
R-454A, B, & C	Polyvinylether	Yes	A2L	1
	Polyol Ester			
R455A	Polyol Ester	Yes	A2L	1
R-502	Mineral	Yes	A1	2
R-507	Polyol Ester	Yes	A1	2
R508B	Polyol Ester	Yes	A1	2
R-513A	Polyol Ester	Yes	A1	2
R-515B	Polyol Ester	Yes	A1	2
R-1233zd	Polyol Ester	Yes	A1	2
R-1234ze	Polyol Ester	Yes	A2L	2
R-1234yf	Polyol Ester	Yes	A2L	1
	Polyalkylene Glycol			
R-744	Polyol Ester	CO2 Rated Valves	A1	2
	Polyalkylene Glycol			