

Duratherm's complete line of compressor fluids offer compatibility with every make and type of compressor available. Whether you need Glycol, Diester or an SHC fluid all of our fluids represent the finest in today's base stock and additive systems.

Each fluid has unique characteristics but all share outstanding oxidation stability, high viscosity indexes, carbon and varnish control, safety, superior cooling and most importantly, long service life.

Glycol Compressor Fluids (PAG's)

Duratherm Glycol Compressor Fluids (PAG) are 100% synthetic replacement fluids for OEM polyglycols at a fraction of the cost. Polyglycols are supplied as OEM factory fill fluids in many compressors.

Our Glycol Compressor Fluids exhibit superior oxidation and thermal stability, longer fluid life, and mix perfectly with OEM polyglycols. This ability to mix with OE fluids means flushing of compressors is not necessary to change to Duratherm Glycol Compressor Fluids. This provides the added benefit of allowing for topping off of a compressor until a scheduled change.

Synthetic Hydro Carbon (SHC)

Duratherm SHC Compressor Fluids represent the finest synthetic compressor fluids. These are blended from several synthetic base stocks, have a new advanced technology additive system, and provide outstanding performance.

Duratherm SHC compressor fluids combine the best characteristics of these base stocks to form a synergistic blend of fluid and additive system for long trouble free service life.

Diester Compressor Fluids

Duratherm Diester Compressor fluids are premium, 100% synthetic diester based with an advanced additive technology system blended from the finest materials available.

Proven in countless millions of horsepower hours of service in virtually every type of compressor, Diester Compressor Fluids give outstanding service, even in the most severe operating conditions.

	SHC 32	SHC 46	SHC 68	Glycol 32	Glycol 46	Diester 32	Diester 46	Diester 68	Diester 100	Diester 150
Viscosity Index	128	130	131	134	132	81	79	86	93	92
Viscosity cSt @ 40° C	34	49	69.8	33	46	33	39	64	108	146
Viscosity cSt @ 100° C	6.1	7.9	10.2	6.1	7.6	5.2	5.7	7.9	11.5	14.1
Viscosity SUS @ 100° F	159	228	323.8	155	209	155	182	297	500	685.7
Viscosity SUS @ 212° F	45.9	52	59.9	46.2	50.4	43.3	44.9	52	64.6	74.4
Flash Point °F	440	450	478	450	465	420	450	480	485	502
Auto-Ignition Point °F	735	785	790	710	721	765	785	790	835	835
Pour Point of F	-48	-38	-32	-40	-36	-45	-45	-45	-35	-30
Four Ball, 40 Kg, 1200 RPM, 167° F										
1 Hr, Scar Dia mm	0.4	0.4	0.4	0.41	0.41	0.4	0.4	0.4	0.4	0.4
Four Ball Weld Point, Kg	100	100	110	100	100	100	100	110	125	135
Copper Corrosion, 24 Hr	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a
Demulsibility, 130°F, 30 min	40/40/0	40/40/0	40/40/0	40/39/1	40/39/1	40/38/2	40/38/2	40/38/2	40/38/2	40/38/2