

Dynalene	Temperature Range	Freezing Point (°F)	Flash Point (°F) (closed cup)	Reference Temperatures	Density (lb/ft³)	Viscosity (cP)	Heat Capacity (BTU)/(lb.)(°F)	Thermal Conductivity (BTU)/(h)(ft²)(°F/ft)
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Dynalene Low-Temperature Performance Fluids

Dynalene MV	-170°F a 325°F -112°C a 163°C	<-200°F <-129°C	127°F/ 53°C	70°F -100°F	52.7 57.3	1.07 7.53	0.430 0.345	0.077 0.090
Dynalene HF	-112°F a 325°F -80°C a 163°C	<-180°F <-118°C	>141°F / 61°C	70°F -70°F	50.1 53.5	1.46 10.2	0.482 0.395	0.070 0.079
Dynalene HF-LO	-100°F a 350°F -73°C a 177°C	<-180°F <-118°C	>141°F >61°C	70°F -40°C	47.5 50.4	1.95 8.50	0.500 0.450	0.063 0.069
Dynalene HC-50	-58°F a 425°F* -50°C a 218°C	<-67°F <-55°C	None	70°F -60°F	83.5 86.0	3.09 42.9	0.646 0.612	0.289 0.250
Dynalene HC-40	-40°F a 425°F* -40°C a 218°C	<-58°F <-50°C	None	70°F -40°F	82.1 84.2	2.70 15.5	0.702 0.669	0.295 0.260
Dynalene HC-30	-22°F a 425°F* -30°C a 218°C	<-40°F <-40°C	None	70°F -20°F	79.6 81.2	2.35 6.00	0.736 0.708	0.300 0.272
Dynalene HC-20	-4°F a 425°F* -20°C a 218°C	<-22°F <-30°C	None	70°F -5°F	76.8 79.2	1.95 4.85	0.768 0.750	0.302 0.279
Dynalene HC-10	14°F a 425°F* -10°C a 218°C	<-4°F <-20°C	None	70°F 10°F	74.3 75.2	1.60 3.31	0.794 0.774	0.305 0.285
Dynalene LO-170	-40°F a 400°F -40°C a 205°C	<-76 °F <-60° C	>170° F/ >77° C	68°F	49.2	2.50	0.450	0.065
Dynalene LO-230	32°F a 400°F 0°C a 205°C	<-40° F <-40° C	>230 °F/ >110° C	68° F	51.1	17.0	0.480	0.085

Dynalene Inhibited Glycol-Based Fluids

Dynalene EG/EGV (50% v/v Dynalene EG in water)	-40°F a 250°F -40°C a 122°C (with higher concentration of EG)	-36°F -38°C	>248°F/ >120°C	72°F	67.0	3.90	0.792	0.215
Dynalene PG (50% v/v Dynalene PG in water)	-20°F a 250°F -29°C a 122°C	-31°F -35°C	>215°F/ >102°C	72°F	65.6	5.90	0.867	0.232

Dynalene Higher Temperature Performance Fluids

Dynalene SF	32°F a 600°F 0°C a 315°C	-76°F -60°C	355°F / 180°C	60°F 450°F	54.9 45.8	60.0 0.47	0.470 0.660	0.078 0.068
Dynalene HT	68°F a 662°F 20°C a 350°C	<-30°F <-34°C	392°F / 200°C	70°F 550°F	65.0 53.0	45.0 0.48	0.370 0.610	0.075 0.055
Dynalene 600	158°F a 550° F 70° C a 288°C	<-85°F <-65°C	600°F / 315°C	150°F		45.0		

Heat Capacity: multiply 4.184 to obtain KJ/Kg • K
Density: multiply 16.0185 to obtain Kg/m³

Thermal Conductivity: multiply 1.73 to obtain W/(m)(K)
Viscosity: multiply 1.00 to obtain mPa • s
Multiply 0.001 to obtain N •s/m² or Pa•s

* Higher temperatures are allowed in fully engineered systems. Consult factory.