



HOLLY REFINING & MARKETING

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ISO VISCOSITY GRADES

ISO Viscosity Grades

Viscosity System Grade Identification	Mid-Point Viscosity cSt (mm ² /s)* @ 40°C	Approx. Viscosity SUS@100°F
ISO VG 10	10	60
ISO VG 15	15	75
ISO VG 22	22	105
ISO VG 32	32	150
ISO VG 46	46	215
ISO VG 68	68	315
ISO VG 100	100	465
ISO VG 150	150	700
ISO VG 220	220	1000
ISO VG 320	320	1500
ISO VG 460	460	2150
ISO VG 680	680	3150
ISO VG 1000	1000	4650
ISO VG 1500	1500	7000

* The metric unit for viscosity is the millimeter squared per second.
It is numerically the same as the centistoke (cSt)