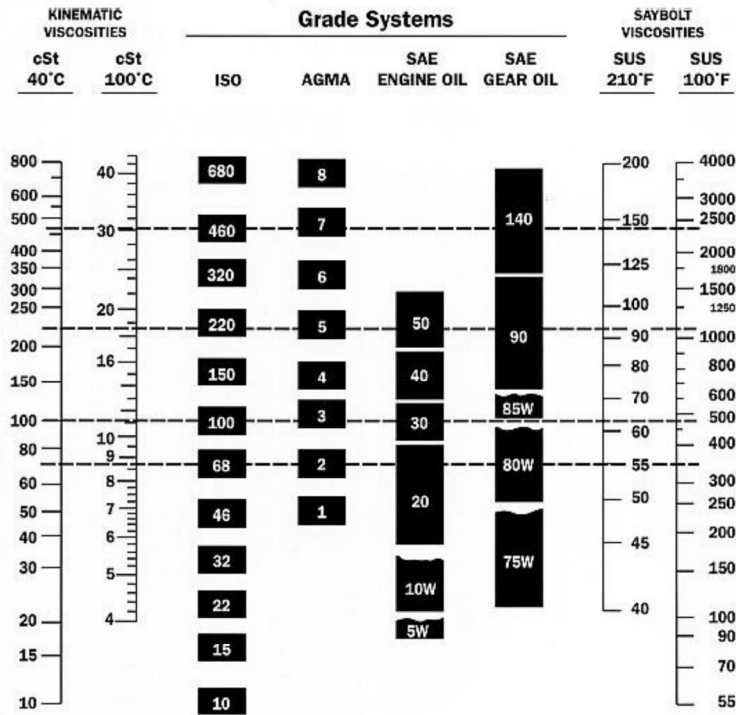




Home Oil Forums Articles Q & A Glossary



Viscosity Charts



Viscosities can be related horizontally only. For example, the following oils have similar viscosities: ISO 460, AGMA 7 and SAE GEAR OIL 140.  
 The viscosity/temperature relationships are based on 95 VI oils and are usable only for mono grade engine oils, gear oils and other 95 VI oils.  
 Crankcase oils and gear oils are based on 100°C viscosity. The "W" grades are classified on low temperature properties. ISO oils and AGMA grades are based on 40°C viscosity.

Viscosities can be related horizontally only  
 Viscosities based on 96 VI single grade oils.  
 ISO are specified at 40°C  
 AGMA are specified at 40°C  
 SAE 75w, 80w, 85, 5w, & 10w specified at low temperature.  
 Equivalent viscosities for 100° & 210°F are shown  
 SAE 90 to 250 and 20 to 50 specified at 100°C.

- Air Filtration Test
- Basic Lubrication Design
- Bearing Wear Analysis
- Effects of Shearing
- Engine Oil Analysis
- Functions of Grease
- Moly Basics
- Motor Oil University
- States of Lubrication
  
- Conversion Calculators
- Viscosity Calculator
- Viscosity Charts

Gas station pump speed, filter type, filter age?

October 7th, 2011 6:20 am  
 2007 F-350 6.0L-- 0W-30 ESSO XD-3 Extra 17,564 kms

October 7th, 2011 5:50 am  
 replace the ignition lock cylinder 98 cutlass??

October 7th, 2011 4:02 am  
 Samsung Galaxy S II Epic 4G Touch

October 7th, 2011 3:58 am  
 Yet another "Are you kidding" moment..

October 7th, 2011 3:22 am  
 A little bit scary..

**ISO viscosity classification system**

Many petroleum products are graded according to the ISO Viscosity Classification System, approved by the international standards organization (ISO). Each ISO viscosity grade number corresponds to the mid-point of a viscosity range expressed in centistokes(cSt) at 40°C. For example, a lubricant with an ISO grade of 32 has a viscosity within the range of 28.8–35.2, the midpoint of which is 32.

Rule of Thumb: The comparable ISO grade of a given product whose viscosity in SUS at 100°F is known can be determined by using the following conversion formula:

SUS @ 100°F/5=cSt @ 40°C.

cst= 0.226xSUS-(195/SUS)

October 7th, 2011 3:11 am

[Longer filter that has same footprint?](#)

October 7th, 2011 2:55 am

[Kendall GT1 20w50 "racing formula" syn blend?](#)







October 7th, 2011 2:50 am

37541	Users	38	Members	Gas Cars/Pickups/Vans/SUVs
63	Forums	257	Guests	Diesel Cars/Vans/SUVs
160126	Topics	206	Spiders	Automotive General Topics
2389951	Posts	501	Total	Mechanical / Maintenance

Max Online: 1558 members

Occurred: 05/22/11 08:54 PM

-  [bmwtechguy](#)
-  [bigblumer](#)
-  [04SE](#)
-  [Al](#)
-  [ac\\_tc](#)
-  [Autografe](#)

[Visit the forums...](#)