

Oil Viscosity Grade – Weight Chart

SAE (Society Automotive Engineers) & ISO (Industrial Standard Organization)



Oil Analysis Basics –Viscosity

Viscosity – This is the single most important property of a lubricating oil. It is the measure of the flow or an oil at a given temperature,

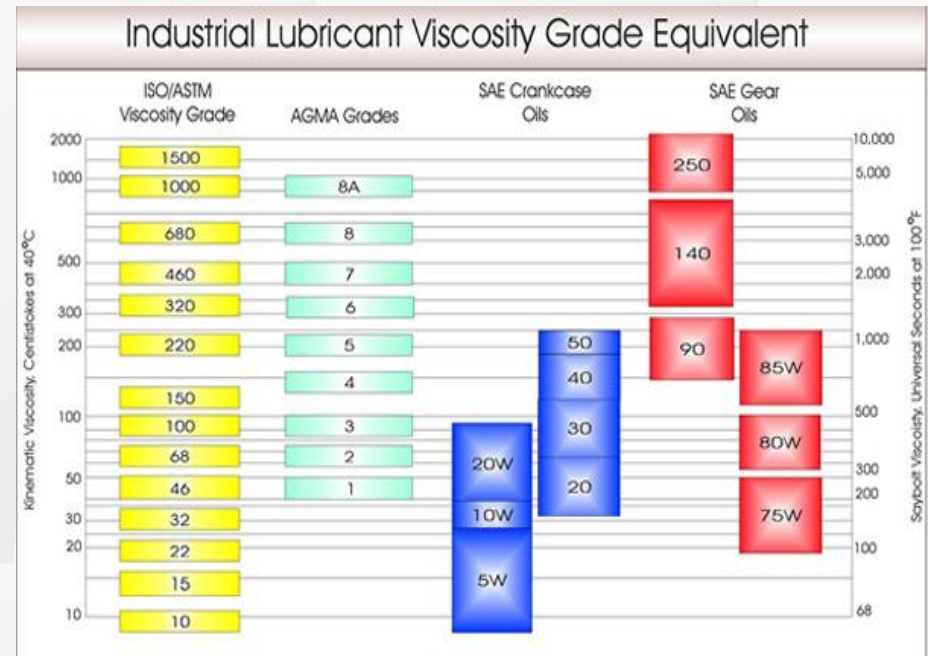
ISO Viscosity Test is taken at 40C

SAE Viscosity test is taken at 100C or about 210F.

VISCOSITY @ 100c

Engine oils.

SAE Grade	Range (CST)
5	3.80
10	4.10
20	5.60-9.29
30	9.30-12.49
40	12.50-16.29
50	21.90 – 26.09



Note: Synthetic oils over non-synthetic products has the ability to flow easier, maintain viscosity index longer, come temperature and disperse heat quicker. But Synthetics base oils do not replace the quality of other required additives for high standards of performance.

Viscosity Grade / Weight ISO & SAE

Industrial Lubricant Viscosity Grade Equivalent

