

Viskositeetti, yleisimmät, taulukkoja :

SAE Viscosity Grades For Engine Oils* (H), (I)



SAE Viscosity Grade	Low-Temperature Cranking Viscosity (I), mPa-s Max	Low-Temperature Pumping Viscosity (H), mPa-s Max with No Yield Stress (K)	Low-Shear-Rate Kinematic Viscosity (I) (mm ² /s) at 100°C Min	Low-Shear-Rate Kinematic Viscosity (I) (mm ² /s) at 100°C Max	High-Shear-Rate Viscosity (M), (mPa-s) at 150°C Min
0W	6200 at -35	60000 at -40	3.8	-	-
5W	6600 at -30	60000 at -35	3.8	-	-
10W	7000 at -25	60000 at -30	4.1	-	-
15W	7000 at -20	60000 at -25	5.6	-	-
20W	9500 at -15	60000 at -20	5.6	-	-
25W	13000 at -10	60000 at -15	9.3	-	-
8	-	-	4.0	<6.1	1.7
12	-	-	5.0	<7.1	2.0
16	-	-	6.1	<8.2	2.3
20	-	-	6.9	<9.3	2.6
30	-	-	9.3	<12.5	2.9
40	-	-	12.5	<16.3	3.5 (0W-40, 5W-40, and 10W-40 grades)
40	-	-	12.5	<16.3	3.7 (15W-40, 20W-40, 25W-40, 40 grades)
50	-	-	16.3	<21.9	3.7
60	-	-	21.9	<26.1	3.7

(M) Notes – 1 mPa-s = 1 cP; 1mm²/s = 1 cSt

(I) All values, with the exception of the low-temperature cranking viscosity, are critical specifications as defined by ASTM D3244 (see text, Section 7).

(K) ASTM D5293: Crankine viscosity – The non-critical specification protocol in ASTM D3244 shall be applied with a P value of 0.95.

Alla: Viskositeettitaulukko vaihteistoöliville (autot)

SAE Viscosity Grade	Maximum Temperature for Viscosity of 150 000 cP (°C)	Kinematic Viscosity @ 100 °C (cSt) minimum	Kinematic Viscosity @ 100 °C (cSt) maximum
70W	-55	3.8	-
75W	-40	3.8	-
80W	-26	8.5	-
85W	-12	11.0	-
65	-	3.8	<5.0
70	-	5.0	<6.5
75	-	6.5	<8.5
80	-	8.5	<11.0
85	-	11.0	<13.5
90	-	13.5	<18.5
110	-	18.5	<24.0
140	-	24.0	<32.5
190	-	32.5	<41.0
250	-	41.0	-