



HOLLY REFINING & MARKETING

www.hollylubricants.com

## SAE CRANKCASE OIL VISCOSITY CLASSIFICATIONS

### SAE Crankcase Oil Viscosity Classifications

SAE Viscosity Grade	Low Temperature Viscosities		High Temperature Viscosities		
	Engine Cranking Max. cPs at Temp (°C)	Max. Temp for Pumping Viscosity of 60,000 cP(°C)	Viscosity at 100 °C, cSt Min.	Max.	High Shear (cP) at 150°C and 10 <sup>6</sup> S <sup>-1</sup> Min.
<b>Winter Service</b>					
0W	6200 @ -35	-40	3.8	--	--
5W	6600 @ -30	-35	3.8	--	--
10W	7000 @ -25	-30	4.1	--	--
15W	7000 @ -20	-25	5.6	--	--
20W	9500 @ -15	-20	5.6	--	--
25W	13000 @ -10	-15	9.3	--	--
<b>Summer Service</b>					
20	--	--	5.6	<9.3	2.6
30	--	--	9.3	<12.5	2.9
40	--	--	12.5	<16.3	3.5*
40	--	--	12.5	<16.3	3.7**
50	--	--	16.3	<21.9	3.7
60	--	--	21.9	<26.1	3.7

\* (0W-40, 5W-40, and 10W-40 grades)    \*\* (15W-40, 20W-40, 25W-40, and 40 grades)