Karo Corn Syrup (per Table Spoon)

180 Cal

low fat	. 0 g	0%
sodium	35 mg	1 %
carbohydrate	30 g	
protein	0 g	

C₁ 1.6 10² (kg/m)/sec (strongly temperature dependent)

 $C_2 = 1.2 \ 10^3 \ kg/m^3$

 $\rho_{syrup} = 1.7 \ 10^3 \ kg/m^3$

Steel Ball Bearings $\rho_{\text{steel}} = 7.8 \ 10^3 \ \text{kg/m}^3$

diameters: 1/8" 5/32" 3/16" 1/4"