

MEC511 Lab 1 Falling Spheres

Specific Gravity of the oil from hydrometer: $SG=0.89$

Table 1: Sample experimental data

Sphere	Ave. Diameter (mm)	Mass of 10 Spheres (g)	Time to fall 20 cm at terminal velocity (s)
Small	6.35	1.52	17.5
Medium	9.51	5.12	9.1
Large	12.65	11.80	5.1