

Vegetable Oil and Motor Oil Adsorption Capacity Analysis by Weight

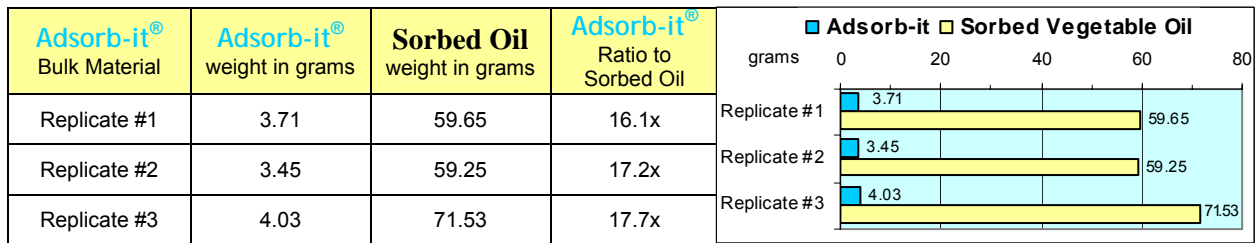
Tests were performed on **Adsorb-it®** sorbent media to determine its capacity to sorb oils.

Method

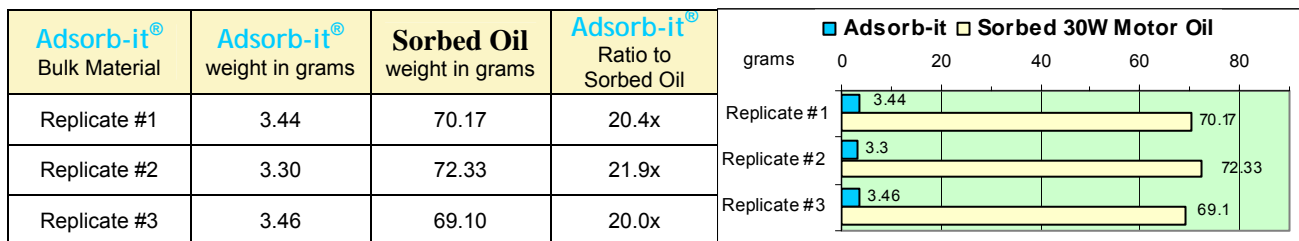
The tests were performed using guidelines described in ASTM Method F726-81, "Sorbent Performance of Adsorbents". This test method measures the maximum adsorption of oils and floating immiscible liquids. The materials tested were representative samples of **Adsorb-it®** bulk material. The oils used were 30W motor oil and a liquid vegetable oil. Three replicates were performed for each type of oil.

Results

Vegetable Oil - Adsorb-it® adsorbed approximately 17 times its weight in vegetable oil.



30W Motor Oil - Adsorb-it® adsorbed approximately 20 times its weight in motor oil.



Conclusions

The bulk **Adsorb-it®** material's adsorption capacity:

Approximately: 17 times its weight in vegetable oil and 20 times its weight in motor oil.