

11.09.2017 Porvoo, Finland

Lamor Corporation has conducted the field testing of Mobius Carbon Adsorbents – loose adsorbent and booms – at our training site. Carbon Adsorbents demonstrated high efficiency and proved the sorption capacity ratio claimed by the producer.

The tests were conducted by applying Carbon Adsorbents on spilled oil on different surfaces: water and concrete. Our technicians did not use any specific protection means except for simple face masks and gloves. Also, no specific equipment was needed for the carbon adsorbent usage.

Test #1: Application of Mobius Carbon Adsorbent (loose) on 2 kg of spilled oil. Our technicians used 500 g of adsorbent (producer claimed the sorption capacity 1:4-5) for the spill and slightly stirred up the adsorbent in the area of the spill on water surface. Sorption has happened immediately, the spill was eliminated in less than 30 seconds. Also the positive feature that adsorbent demonstrated is a flotation rate – although it adsorbed 2 kg of oil, it remained 100% floating.

Test #2: Application of Mobius Adsorbing Booms on 3 l of spilled oil on water surface. Our technicians used one Mobius Adsorbing Boom for this test. The boom was gently steered over the spill several times and analogically eliminated the spill in less than 1 minute. The boom also remained floating and did not leak after being pulled out of water.

Test #3: Application of Mobius Carbon Adsorbent on 1 l of oil spilled on asphalt. Our technicians applied 200 g of Carbon Adsorbent on the spot and used a broom for better distribution of sorbent. The sorption happened immediately and the spill was eliminated in less than 30 seconds. Then the used sorbent was collected and there was no oil stain left on the asphalt.

We highly recommend Mobius Carbon Adsorbents for oil spills elimination in open air conditions as well as for indoor sites. It is not harmful for the environment or for humans. Mobius Carbon Adsorbent has demonstrated high sorption capacity and complies with all technical descriptions claimed by the producer.

Lamor Corporation intends to use adsorbents made by Mobius Group in its business activities and is highly interested in further developments of the company.

Lamor Corporation Ab


Rasmus Guldbrand
Vice President

