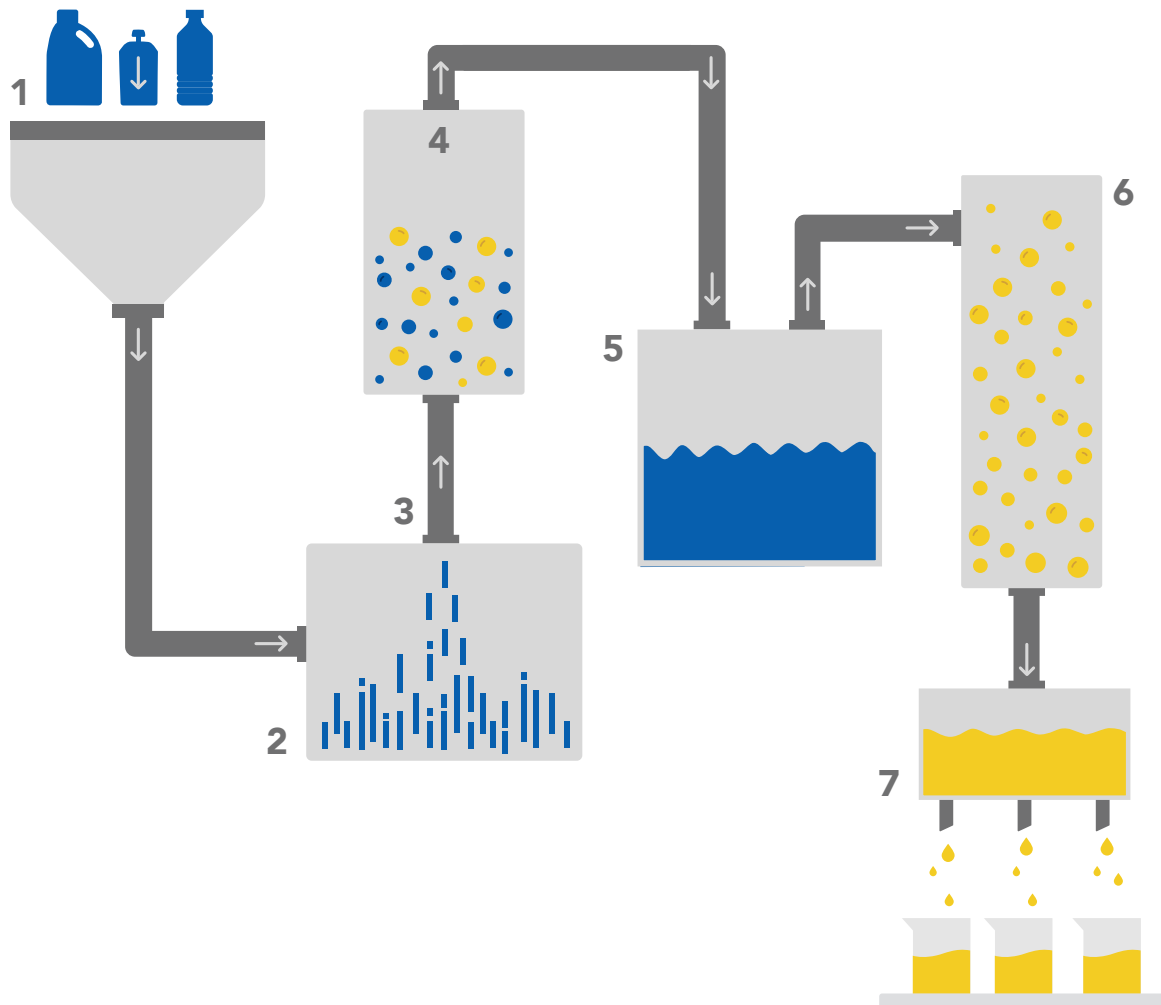


How Plastics Renewal Technology Works



- 1 Post-use plastic is collected from a variety of municipal and industrial sources and shipped to a Brightmark Plastics Renewal facility.
- 2 Once received, the plastic is prepped for conversion by shredding, removing metals, drying, and pelletizing.
- 3 Pellets are then extruded and fed into the pyrolysis vessel(s) continuously.
- 4 Once inside the vessel, the material is heated and vaporized in an oxygen starved environment.
- 5 The vapor is captured and cooled into a hydrocarbon liquid.
- 6 The hydrocarbon liquid is processed into products such as commercial grade fuels, waxes, lubricants and even the feedstock for virgin polymers.
- 7 The finished products are then shipped to our customers.