



## Protecting Atorvastatin using LOG's OxyBlock™

One of LOG's customers, a leading global pharmaceutical company developed a generic version of Pfizer's Lipitor (Atorvastatin). Lipitor is a blockbuster drug used to lower cholesterol. From 1996 to 2012 Atorvastatin became the world's best-selling drug of all time, with more than \$125 billion in sales over approximately 14.5 years. Pfizer's patent on Atorvastatin expired in November 2011.

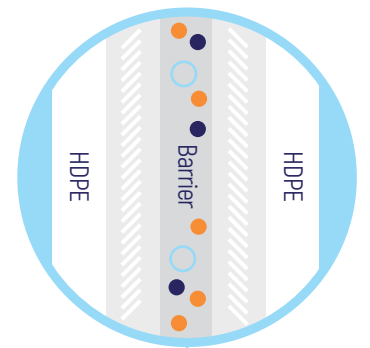
### The Challenge

The formulation developed by LOG's customer, showed signs of heightened sensitivity to oxygen and moisture. Oxygen scavengers used in conjunction with standard HDPE bottles did not provide the required level of protection. The customer required an oxygen barrier packaging solution that would protect the Atorvastatin formulation from oxygen degradation to ensure a successful drug stability test.

### The Solution

With multi-year experience in the development and production of pharmaceutical barrier packaging solutions, LOG is an established leader in this market segment.

To meet the customer's requirements, LOG's R&D team developed a tailor made solution from the **OxyBlock™** family. Based on a unique multi-layer technology and with up to 6 layers, the OxyBlock™ family provides 100x better oxygen protection compared to industry standard HDPE containers. In many cases **OxyBlock™** makes the usage of oxygen scavengers unnecessary.



The solution LOG provided enabled the customer to reduce time to market and successfully pass the drug stability test.

### At LOG, we are committed to Creating Confidence

Established in 1971, LOG Pharma Packaging is the trusted partner of global pharmaceutical companies providing innovative primary packaging solutions. LOG offers a broad range of packaging solutions to ensure that both solid and liquid formulations are delivered in excellent condition.

All pharma products are fully compliant with US FDA and European pharmacopoeia standards.

#### For more information, please contact:

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