

**Lubrizol**

Carbospense™ K-700

Water Treatment Polymer News

Since 1994, the “**Carbospense™ K-700 Water Treatment Polymer News**” has served as a means to provide timely information to Lubrizol’s water treatment chemical (WTC) customers. You may view this newsletter and several previous issues at the web site noted below:

www.carbospense.com see “Newsletters”

Business Updates (go to www.carbospense.com see “Business Updates:”

- ❖ In mid-April 2007, **Good-Rite® K-700 Polymers became Carbospense™ K-700 Polymers**
- ❖ A June 2007 press release discusses **Noveon, Inc. becoming Lubrizol Advanced Materials, Inc.**
- ❖ **New product literature** reflecting the new trade name, new company name, and other updates is available on the www.carbospense.com web site.

New Technical Papers and Articles Available:

- ❖ “**The Effect of Heat Treatment on the Performance of Deposit Control Polymers as Calcium Carbonate Inhibitors**” (**NACE-07056**) was presented at NACE International’s Corrosion/2007 in Nashville, TN. The data in this paper indicate that the heat treatment of polymers exhibit varying effects on the inhibitory power of polymers.
- ❖ NACE International’s **Materials Performance** Oct-2007 issue published an article entitled “**Calcium Carbonate Precipitation in the Presence of Inhibitors**” (**MP-V46-10**) as a condensed version of Lubrizol’s NACE Corrosion/2006 technical paper entitled “Kinetic and Morphological Investigation on the Precipitation of Calcium Carbonate in the Presence of Inhibitors” (**NACE-06835**).
- ❖ The Fall 2007 issue of the Association of Water Technologies’ (AWT) **The Analyst** contained an article entitled “**The Impact of Thermal Stability on the Performance of Polymeric Dispersants for Boiler Water Systems**” (**AWT-FA-07**) based on technical paper with the same title presented at AWT’s 2005 convention (**AWT-F-2005**).
- ❖ A paper entitled “**Selection and Application of Deposit Control Polymer as Iron Stabilization Agents in Industrial Water Treatment Systems**” (**AWT-2007**) was presented at AWT’s Annual Convention in Colorado Springs, CO. The paper presented data addressing the influence of polymer architecture on iron stabilization properties of deposit control polymers as components of industrial water treatment programs. The study also evaluated the role of water chemistry and thermal exposure on the performance of deposit control polymers as metal ion stabilization agents.

Electronic copies of the technical papers and articles noted above as well as many others may be viewed at www.carbospense.com see “Technical Papers and Articles, Carbospense K-700 Polymers.”

