



Lubrizon

Carbosperse™ K-700 Water Treatment Polymer News

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

www.carbosperse.com see “Newsletters”

SAP Implementation.

As reported in Dec-07, Lubrizon has continued implementing SAP as our enterprise resource planning system as well as a set of standardized business processes. The Lubrizon Advanced Materials (LZAM) North America and Europe/South Africa SAP go-live dates were June-2008 and April-2009, respectively. LZAM’ SAP implementation process is moving forward in both Asia and Latin America with target dates of early 2010 and 3rd quarter 2011, respectively. While we have more work to do, the SAP capability will enable Lubrizon to improve planning, scheduling, tracking production and distribution of our products, thereby streamlining our supply chain (e.g., material requisitions) and integrating activities with customer orders. Our number one priority is continuing to make it easy to do business with Lubrizon.

New Technical Papers and Articles Available.*

- ❖ NACE International’s *Materials Performance* Nov-2009 issue published “[Silica Control Additives for Industrial Water Systems](#)” (MP-V48-11) as a condensed version of LZAM’ NACE Corrosion/2008 paper (NACE-08368). The data in this article (& technical paper) show that polymer dosage requirements dramatically decrease as silica super-saturation levels go down.
- ❖ “[Silica Control in Industrial Water Systems with a New Polymeric Dispersant](#)” (AWT-2009) was presented at the Association of Water Technologies’ (www.AWT.org) Annual Convention in Hollywood, FL. The paper presents performance data for **Carbosperse™ K-XP229 copolymer** (CKXP229), a *proprietary*** blend, developed specifically as a deposit control agent component of water treatment programs for systems (e.g., cooling, reverse osmosis) where silica and/or silicate fouling limits cycles of concentration and/or reduces performance. The performance data in this paper clearly indicate that CKXP229 is a unique multi-functional product that incorporates silica polymerization inhibition and particulate (iron, clay, *silica**** and *magnesium silicate****) dispersant properties. Incorporating CKXP229 as part of a treatment program for silica limited systems (e.g., cooling) should facilitate operating at higher cycles of concentration thereby reducing make up water requirements, reducing treatment chemicals lost via system blow down, and reducing overall operating costs.

* Electronic copies of the technical papers & articles above as well as many others may be viewed at <http://www.lubrizon.com/DispersantsWaterTreatment/TechPapers/Carbosperse.html>.

** Patent pending. *** New test method.

The www.carbosperse.com web site has a new look and has been expanded to include the items highlighted below:

- ❖ **Carbosperse™ K-700 Polymer Family Data Sheets** at <http://www.lubrizol.com/carbosperse/k-700/datasheets.html>.
- ❖ Links to **Our Company, Products & Industries, Businesses, News Center, Careers, Investors, Quick Contact Links, and Around the World.**

New and/or Updated Product Literature.

- ❖ **Lubrizol Advanced Materials' Carbosperse K-700 Polymer – Green Technology***
- ❖ Concurrent with SAP implementation, LZAM is using a customized system for preparing product **MSDSs**** that periodically updates documents and has some information difference from the past. Customer feedback (preferably via E-mail) would be appreciated in the way of letting us know of any issues.

*** Available upon request. ** Available upon request and via myLubrizol.com for Lubrizol customers.**

Seasons Greetings and Best Wishes for the New Year!



Please contact your local Lubrizol sales representative or office with any questions or comments. You can obtain the name of the Carbosperse K-700 polymer sales representative, distributor, or agent for your area by contacting LZAM' regional office (see below) for your location.

LZAM Locations & Sales Agents within the U.S.A.

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USA East Coast & Midwest Sales Agent	USA West Coast Sales Agent
ZIBEX, Inc. , P.O. Box 3009, Duluth, GA 30096 P/770-417-1426, F/770-417-1429, zibexinc@cs.com or jfzibrida@cs.com	Creative Performance Chemicals, Inc. 18760 E. Amar Road, Ste. 170, Walnut, CA 91789 P/909-869-1186/ F/909-869-5840, cpchem@aol.com

Locations & Distributors for Customers Outside the U.S.A.

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Please notify Lubrizol (bob.zuhl@lubrizol.com) of any changes in your contact information including company name, address, telephone No., FAX No., or E-mail address. Thank you!