

# Custom Manufacturing and Tolling Services

## SUPERIOR SERVICE SETS HALLIBURTON APART FROM OTHER TOLLERS

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### PREMIER FLAMMABLE BLEND TOLLER AND OXIDE CHEMISTRY MANUFACTURER

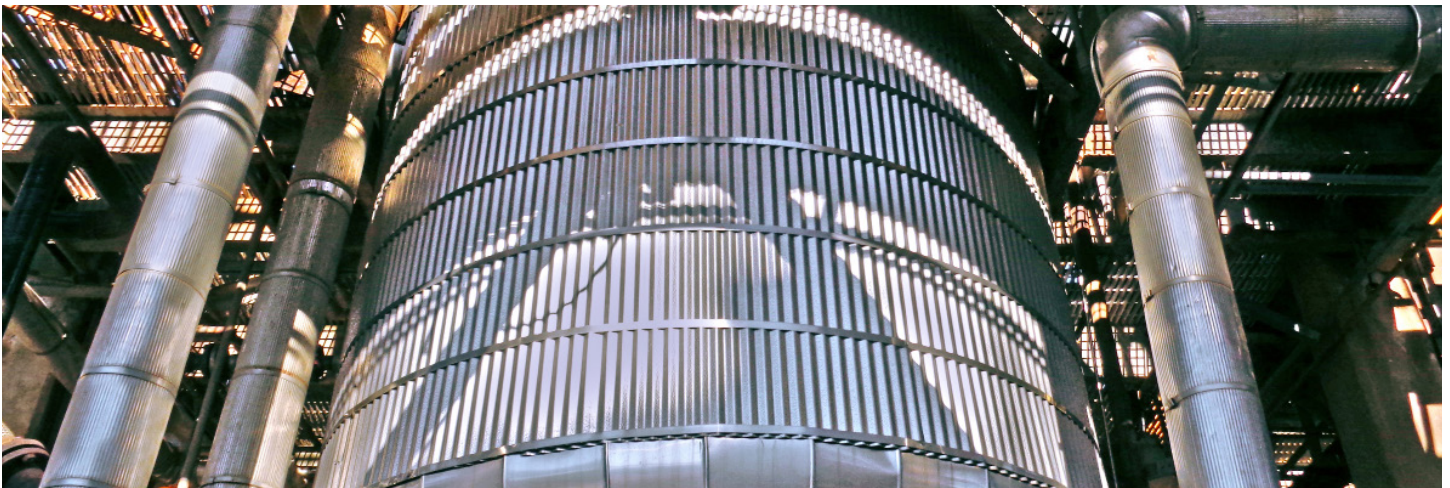
- » Fully staffed R&D team to assist in product development and commercialization
- » Wide array of lab-scale and piloting capabilities (2-liter, 5-gallon, and 55-gallon pilot vessels)
- » Flammable blending and warehouse storage
- » Fully automated, multi-step alkoxylation reactor system
- » Strategic manufacturing locations (Pasadena, Texas and Geismar, Louisiana)
- » Automated packaging lines (drums and totes)
- » Quick-to-market
- » Welcome one-time and low-volume projects

### EXPANDING TO BETTER SERVE YOUR NEEDS

- » Two (2) new oxide reactors to come on-line Q1, 2020 (Pasadena, Texas location)
- » New alkoxylation plant in Jubail, KSA to come on-line in 2020

### SITE CHEMISTRIES

- » Acylation
- » Alkylation
- » Benzylation
- » Condensation
- » Cyclization
- » Esterification
- » Imidazolines
- » MEA/MMA Triazine
- » Nonylphenol Resins
- » Oxyalkylation (EO, PO, mixed oxides)
- » Phosphation
- » Polymerization



For more information, contact your local Halliburton representative  
or visit us on the web at [www.athlonsolutions.com](http://www.athlonsolutions.com)

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Sales of Halliburton products and services will be in accord solely with the terms and conditions  
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