

# HALADVANCE™ 344 Cement Additive

## ADVANCED LIQUID ADDITIVE TO CONTROL FLUID LOSS

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### OVERVIEW

HALADVANCE™ 344 cement additive, which uses innovative liquid additive chemistry built on the leading performance of the Halliburton Halad® additive family, offers superior features for improved cementing operations and barrier dependability.

Controlling fluid loss during cementing is critical in order to maintain targeted properties of the cement slurry downhole and prevent undesirable operational phenomena. If uncontrolled, fluid loss may cause reduced thickening times, pressure management issues, poor placement efficiency, and annular bridging. Operations requiring liquid additives, such as in offshore and remote locations, must often use oil suspensions that have poor stability in storage, thus negatively impacting shelf life, and that cannot be easily pumped through liquid delivery systems due to high viscosity. HALADVANCE 344 cement additive is engineered to effectively control fluid loss, with greater fluid stability and transferability via liquid additive pumps and delivery lines.

Through Halliburton's 100 years of solving cementing challenges, the importance of tailoring cementing designs for optimum performance has been shown. HALADVANCE 344 cement additive provides fluid loss control in fresh water, brines, and seawater; it is compatible with conventional cementing additives, and has been shown to be effective through laboratory testing at 400°F (204°C). Thus, HALADVANCE 344 cement additive enables dependable barriers across a wide range of operational conditions.

### FEATURES

- » Liquid additive to control fluid loss with low concentrations
- » Reduced additive viscosity
- » Long shelf-life stability
- » Tolerant to brines and seawater
- » Operational up to 400°F (204°C)
- » Aids suspension and rheological stability of cement slurry

### BENEFITS

- » Helps prevent loss of filtrate to the formation and premature dehydration of cement slurry
- » Improves transfer and delivery through liquid additive systems
- » Increases pump rates for mixing operations
- » Ideal for storage and use in offshore and remote locations

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

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