

# VISWEEP DM IS

DRY MIX INVERT SPACER

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SANJEL ENERGY'S INNOVATIVE  
SPACER SYSTEM



**Sanjel** ENERGY SERVICES



## **VISWEEP DM IS - Innovation that delivers improved cementing performance with reduced total well cost, project complexity and hazard exposure.**

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Sanjel Energy's innovative, patented VISWEEP DM IS is mixed on the fly in a fraction of the time required by traditional methods. This innovation enhances displacement efficiency and delivers improved bond quality.

VISWEEP DM IS is a fully dry combination of oil-cleaning surfactants, rapid hydrating polymers and optimal weighting materials that converts casings and formations from oil-wet to water-wet for improved cement bonding.

As drilling operators trial hole and casing size configurations to optimize drill speed and completion performance, the volume of spacers required to meet industry best practices are becoming larger than the tanks of cement pumping units.

Batching large spacer volumes requires additional tanks or units, which increases both the operational risks and the possibility of contamination. This also requires additional and valuable rig time to hydrate polymers, while manually adding the weighting material and water-wetting chemicals is a labour intensive process with increased inherent injury and chemical exposure risks.

VISWEEP DM IS is mixed-on-the-fly utilizing the same equipment and procedures as mixing a cement slurry. The spacer is mixed in minutes and pumped directly downhole using Sanjel Energy's precise density control system. Polymer types and loadings are easily optimized for rheology, stability and excellent displacement efficiency at any well temperature. Additional performance additives such as salt, lost circulation reactive silicates, etc., can also be added as required per the job design.

### **Choose VISWEEP DM IS to:**

- Effectively displace all types of drilling fluids while water-wetting the casing, formation and annulus
- Optimize system rheology for ideal rheological hierarchy
- Improve cement bond
- Tailor spacer volume and density to well conditions
- Reduce rig time related to spacer preparation
- Rapidly and easily mix industry recommended spacer volumes for all well configurations
- Lower the risk of injury through eliminating repetitive strain movements
- Reduce chemical exposure to personnel



To learn more visit [sanjel.com](https://www.sanjel.com)

## *Partners through Performance*



**Sanjel Energy Services is an industry leader committed to ensuring the performance and integrity of your wells for their entire life-cycle.**

**Our talented team is the driving force behind our company.**



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Sanjel Energy's proprietary complexity matrix is applied to every phase of a project and aspect of our business, from design to execution to evaluation. This approach gives us the unique ability to analyze and mitigate risks for complex projects, guaranteeing optimal well performance, highly reliable operations and enhanced safety results.

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