

FORSA HIW7180 anti-agglomerant hydrate inhibitor eliminated hydrates and cut methanol consumption in half in Canadian well

CHALLENGES

- High pressure and low temperature gas system, ideal for hydrate forming in pipelines
- Loss of production due to hydrate formation in pipelines
- Prevent hydrate from forming while reducing overall operating cost
- HSE concerns related to hydrates
- Improve environmental footprint

SOLUTION

- [FORSAH™ HIW7180 anti-agglomerate](#) was utilized for its:
 - Effectiveness in a wide range of production systems
 - Ability to be used at a low dose in high dissolved solids in water, high sour systems and extreme low temperatures/high pressure systems
- Hydrate curve analysis was also used to optimize the program
 - HIW7180 at four percent was utilized to reduce methanol injection and was added to all subsequent methanol injections to reduce methanol volume and eliminate hydrate concerns

RESULTS

100%
Elimination of hydrates

50%
Reduction in methanol rates with 4% addition of hydrate inhibitor

\$220,000
Direct savings versus conventional methanol program

4% addition HIW7180	Methanol Program Improvement	
Methanol Usage reduction	Daily savings	Yearly savings
50%	\$600	\$220,000

Methanol usage reduction after addition of FORSA HIW7180 anti-agglomerant