

# Improve corn oil yield with SIPERNAT® D 10



## SIPERNAT® D 10

is a milled hydrophobic precipitated silica that has proven to boost the performance of corn oil extraction aids by destabilizing the interface between the oil droplets and the water phase.

### Corn Oil Extraction

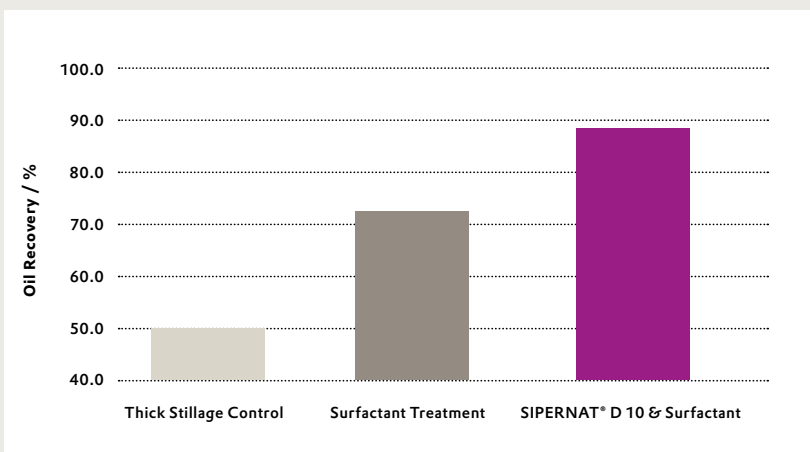
A study was conducted by a third party to compare the ability of various silica grades to aid in the extraction of corn oil from thick stillage.

In conclusion, SIPERNAT® D 10 is the top performer increasing oil recovery by 75% over the control and with a 23% increase from surfactant alone.

## BENEFITS

- **increase corn oil yield**
- **higher quality corn oil**
- **reduction of solids**
- **improved profits**

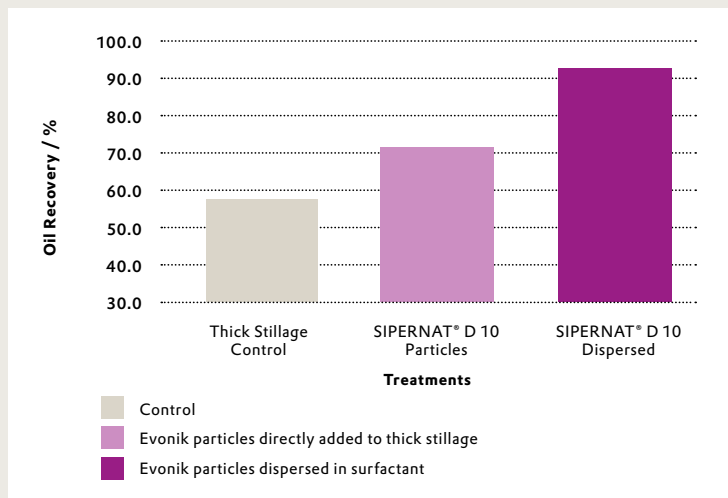
For regulatory information please request for a Product Safety Information (PSI).





### Corn Oil Extraction

An additional study was conducted to compare how Evonik's hydrophobic particles perform when they are or are not dispersed in surfactant and its effect on oil recovery. To maximize performance, the silica must be dispersed into a surfactant mixture in order to provide significant impact on oil recovery.



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