

# Desco CF

*Thinner*

## Description

Desco deflocculant is a proprietary tannin-based product used for rheology control in water-base drilling fluids. It is readily soluble over a wide range of temperatures and is effective in low concentrations without requiring additional doses of caustic soda as most of lignosulphonates do.

## Applications/functions

- Deflocculation, shear strength reduction at low concentrations
- High-temperature rheology control
- Scavenges oxygen and inhibits corrosion
- Reduces the effects of cement contamination

## Advantages

- 4 to 8 times more effective than lignosulphonates
- Soluble in high salinity systems, high hardness and at any pH, at pH 8.5 no need for extra caustic addition for activation
- Proven to be effective at 204°C
- Environmentally responsible – does not contain chrome

## Typical properties

- Appearance Reddish-brown powder
- Specific gravity 1.5 – 1.7 g/cm<sup>3</sup>

## Recommended treatment

Application	Concentrations
Low pH Desco System	3 to 11 kg/m <sup>3</sup> , depending on MBT and mud weight
Defoamer in salt muds	0.3 to 0.8 kg/m <sup>3</sup>
low-solids, semi-dispersed muds	0.3 to 2 kg/m <sup>3</sup>
HPHT wells, saturated salt, inhibited or contaminated muds	0.7 to 9 kg/m <sup>3</sup>
Conditioning drilling mud for packer mud (any density)	2 to 9 kg/m <sup>3</sup>

## Package

Desco CF is packaged in 11,3 kg sacks