



Clay stabilizers

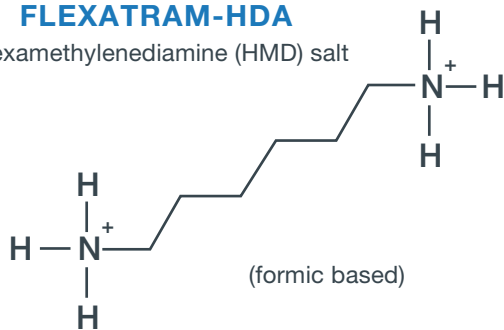
APPLICATION PROFILE



Tested in oilfields throughout North America, Ascend's FlexaTram™-HDA and Hexasalt™ perform better at stabilizing clay than choline chloride and potassium chloride – even at lower loading levels. FlexaTram™-BHMT salts are also an effective clay stabilizer (active patent).

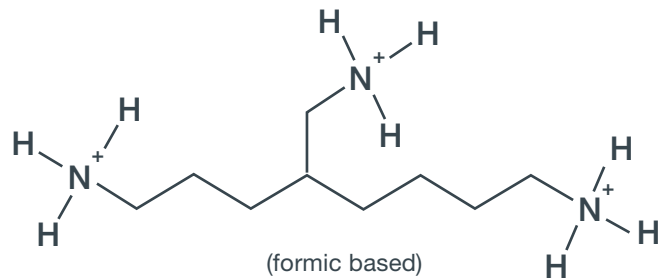
FLEXATRAM-HDA

Hexamethylenediamine (HMD) salt



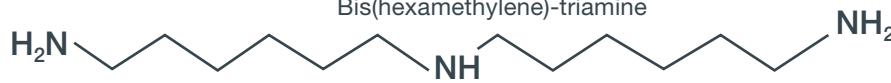
HEXATRAN HEXASALT

Triaminononane (TAN) salt

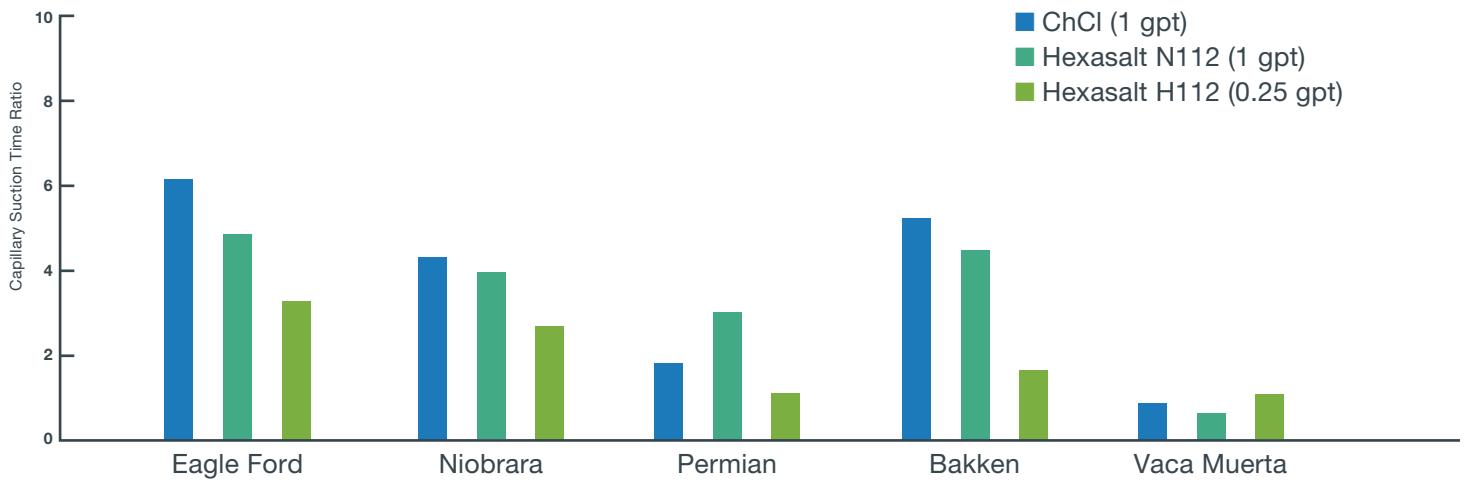


FLEXATRAM-BHM

Bis(hexamethylene)-triamine



CST_{Ratio} ~ 50 (Extreme sensitivity to water)
 CST_{Ratio} ~ 0.5 (No sensitivity to water)



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