

HDC Mk II[®]

Also known as SD27X

HDC Mk II[®] is a non-damaging stimulation and descaling additive that dissolves **barite**, drilling fluid additives, **calcium carbonate** and **sulphate scales** (magnesium, strontium, calcium, and barium sulphate). It is unique in that it works significantly faster at a higher capacity than any competitive products (an order of magnitude faster than other products and with 4 to 6 times the capacity). It is a single phase, alkaline (pH +/-12) chemical that is **non-corrosive, environmentally benign**, and produces no gas or precipitate by-products. It is inorganic, hence has no known temperature limits.



Result with OBM cake: Before (right) and after (left) HDC Mk II treatment for 6 hrs @ 90 °C gave 95% dissolution.

HDC Mk II[®] works in both oil based and water based mud systems so that it removes oil based and water based mud filter cake in open holes as well as perforations. It removes well bore damage, scale, barite deposits and as a free pipe pill in stuck pipe situations. **HDC Mk II[®]** is used as a completion brine, or as an additive to brines or neat as specially formulated. **HDC Mk II[®]** has a specific gravity of 1.31. Seven other versions of **HDC Mk II[®]** exist depending upon the contaminants or application required including barium sulphate scale.

HDC Mk II[®] under product name **SD27X** is **Gold Banded** in the OCNS CEFAS system in the UK, the best environmental rating possible.

HDC Mk II[®] is packaged in 200 liter drums, four to a pallet.

18% HCL vs HDC Mk II - Dissolving Properties

