



DSC Product Bulletin
April 1, 2011

DSC GOLD FLUSH SYSTEM

Tubing Cleaners and Displacement Additives:

DSC Gold Flush is an ideal cleaner for demanding applications in downhole workstring and casing cleaning. **DSC Gold Flush** scrupulously and safely removes pipe dope from metal surfaces along with other greases and oily residues adhering to the tubular surfaces of the well and facilitates carrying them to the surface.

DSC Well Wash I is a select blend of surfactants in a mixed alcohol system designed for the cleaning of casing, drill pipe and surface equipment before the introduction of completion fluid. **DSC Well Wash I** is insoluble in water and features low density, enabling it to be quickly separated from both fresh water and brines. **DSC Well Wash I** effectively displaces the mud system prior to completion and scrupulously cleans the tubing and casing for gravel packing operations. Its use reduces and eliminates the need for filtering brine and completion fluids.

DSC Gold Flush II is a versatile penetrating cleaner which, when used in conjunction with **DSC Gold Surf I**, effectively loosens and removes oil base and synthetic base drilling fluid residue from the wellbore.

DSC Gold Flush III has been developed in response to customer response for a safe and effective non aqueous, non terpene cleaning agent for pipe dope removal. **DSC Gold Flush III** has a mild clean odor and is a strong, safe and cost effective cleaner/degreaser.

DSC Gold Flush SB is designed specifically for solids free density controlled wellbore cleaning. **DSC Gold Flush SB's** formulation can achieve a high level of cleaning during the displacement while providing hole stability and maintaining well control in an open hole environment. **DSC Gold Flush SB** allows the operator to open hole gravel pack in a clean and synthetic or oil based drilling fluid free environment thereby ensuring proper gravel placement and increased well productivity.

DSC Gold Surf I is a highly concentrated water wetting surfactant designed to assure wall cake removal and non abrasive cleaning. **DSC Gold Surf I** when used in conjunction with **DSC Gold Flush II** aids in effectively and efficiently cleaning the wellbore while promoting agitation of surface soils during the displacement.