

HDD MIXING CHART

COARSE SOILS - NO RECYCLE					REACTIVE CLAYS OR UNKNOWN - NO RECYCLE				
DRILLING CONDITIONS	MIXING ORDER	RECOMMENDED PRODUCTS	DOSAGE PER 100 GALS FRESHWATER	VISCOSITY SECONDS PER/QT	DRILLING CONDITIONS	MIXING ORDER	RECOMMENDED PRODUCTS	DOSAGE PER 100 GALS FRESHWATER	VISCOSITY SECONDS PER /QT
SAND	1	SODA ASH	0.25-0.5 LBS	50-60	CLAY	1	SODA ASH	0.25-0.5 LBS	35-40
	2	HYDRAUL-EZ (NEW) OR SUPER GEL-X	20-25 LBS			2	HYDRAUL-EZ (NEW) OR SUPER GEL-X	7-10 LBS	
	3	REL-PAC XTRA-LOW OR SUPER PAC XTRA-LOW	0.5 LBS 0.5-1 QT			3	INSTA-VIS PLUS OR INSTA-VIS DRY	0.5-1 QT 0.25-1 LB	
	4	IF CLAY PRESENT DRILL-TERGE OR CLAY CUTTER	0.5-0.75 QT 0.5 PT			4	DRILL-TERGE	0.5-0.75 QT	
SAND & GRAVEL	1	SODA ASH	0.25-0.5 LBS	50-70	STICKY CLAY	1	SODA ASH	0.25-0.5 LBS	35-40
	2	HYDRAUL-EZ (NEW) OR SUPER GEL-X	25-30 LBS			2	HYDRAUL-EZ (NEW) OR SUPER GEL-X	7-10 LBS	
	3	REL-PAC XTRA-LOW OR SUPER PAC XTRA-LOW	0.5-1.5 LBS 1-1.5 QTS			3	ACCU-VIS	0.25-0.5 QT	
	4	SUSPEND-IT IF CLAY PRESENT DRILL-TERGE OR CLAY CUTTER	0.5-1.0 LB 0.5-0.75 QT 0.5 PT			4	CLAY CUTTER <small>*Not to exceed 1 gallon/ 1000 gallons</small>	1 PT	
GRAVEL & COBBLE	1	SODA ASH	0.25-0.5 LBS	70-90	UNKNOWN	1	SODA ASH	0.25-0.5 LBS	50-60
	2	HYDRAUL-EZ (NEW) OR SUPER GEL-X	25-30 LBS			2	HYDRAUL-EZ (NEW) OR SUPER GEL-X	20-25 LBS	
	3	REL-PAC XTRA-LOW OR SUPER PAC XTRA-LOW	1-1.5 LBS 1-1.5 QTS			3	REL-PAC XTRA-LOW OR SUPER PAC XTRA-LOW	0.5 LBS 0.5-1 QT	
	4	SUSPEND-IT	1 LB			4	DRILL-TERGE	0.5-0.75 QT	
HERCUL-EZ - EXTREME SOLIDS SUSPENSION MIXING RATIOS					CETCO X-TORQUE - ROTATIONAL TORQUE REDUCER				
TYPICAL APPLICATION - PER 1000 GALLONS					TYPICAL APPLICATION - PER 100 GALLONS				
		NUMBER OF BAGS (50 LB)	SODA ASH (LB)	HERCUL-EZ NUMBER OF BAGS (25 LB)	DRILLING CONDITIONS	MIXING ORDER	RECOMMENDED CETCO PRODUCTS	DOSAGE PER 100 GALS FRESHWATER	
		5	12	1.5	ANY	ANY	CETCO X-TORQUE	1-2 QTS	
		5	12	1.5-2					

North America: 847.851.1800 | 800.527.9948 | www.CETCO.com

UPDATED: JANUARY 2022

© 2022 CETCO. IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most up-to-date information, please visit www.CETCO.com. CETCO accepts no responsibility for the results obtained through application of this product. All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use and for proper use and disposal of the product. CETCO MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. CETCO reserves the right to update information without notice.

