COMPLETE TUBULAR PRODUCTS Pipe

	 /ANCE DATA	

Pipe Size: 4.500 in (114mm)	Grade:	S135	Range:	2
Pipe Weight: 20lb/ft (29.76kg/m)	Upset:	IEU	Connection:	DS4

				, ,	· · ·				
Pipe									CDN
							NEW	API PREM	IIUM
Pipe size	in	4.500	mm	114.3	OD	mm	114.3	109.9)
Pipe weight	lb/ft	20.00	kg/m	29.76	Thickness	mm	10.9	8.7	
Upset Type		IEU			X-Sec Area	cm²	35.5	27.8	
Tube grade		S135		Sec	tion Modulus	cm³	83.8	65.2	
Range		2		Polar Sec	tion Modulus	cm³	167.7	130.3	•
Tube Yield	МРа	931			Tensile Yield	kdaN	330	258	
ID	mm	92.5		Т	orsional Yield	ft-lbs	66,400	51,60	0
				80% T	orsional Yield	ft-lbs	53,100	41,28	0
				Internal I	Pressure Yield	МРа	155.8	142.0)
					Collapse Yield	МРа	160.6	129.6	;
					D/t		10.47	12.58	}
			Connec	tion/Tube T	orsional Ratio		0.533		
Tool Joint									CDN
							NEW		
Connection Type		DS40			OD	mm	133.4		
Material Yield Strength	МРа	896		Tensile `	Yield Strength	kdaN	374		
OD	mm	133.4		Torsional `	Yield Strength	ft-lbs	35,400		
ID	mm	68.3	Recon	nmended Ma	akeup Torque	ft-lbs	21,200		
Pin Shoulder Angle	deg	18							
Pin Tool Joint Length	mm	356							
Box Tool Joint Length	mm	356							
Drill Pipe Assembly									CDN
					oulder Length	m	9.60		
				Adj	justed Weight	kg/m	32.89		
				Closed End	Displacement	L/m	10.57	m³/m	0.01057
				•	Displacement	L/m	4.19	m³/m	0.00419
				1	Fluid Capacity	L/m	6.37	m³/m	0.00637
					Drift Size	mm	65.1		

The information contained in this data sheet and other attached documentation is for reference use only. It is not intended to imply any explicit recommendation regarding processes, procedures, or performance of the end product. It is the responsibility of the end user to verify and determine the appropriate use of the technical information - no expressed or implied warranty by Complete Tubular Products is intended.

Calculations are based on uniform wall thickness and outside diameter – no safety factor has been applied. The information provided for inspection classes is based on uniform wear and is not intended to recommend or confirm operational limits of any used product. It is recommended that drilling torque not exceed 80% of the makeup torque, however it is the responsibility of the end user to determine the acceptable use of the end product including appropriate performance ratings and safety factors where applicable. All connection torque calculations have been performed using a thread compound friction factor of 1.0. Complete Tubular Products does not endorse any specific thread compound and waives all responsibility in determining appropriate makeup torque values for any specific drilling circumstance. Modifying makeup torque values for any reason shall be done at the end users discretion and risk.

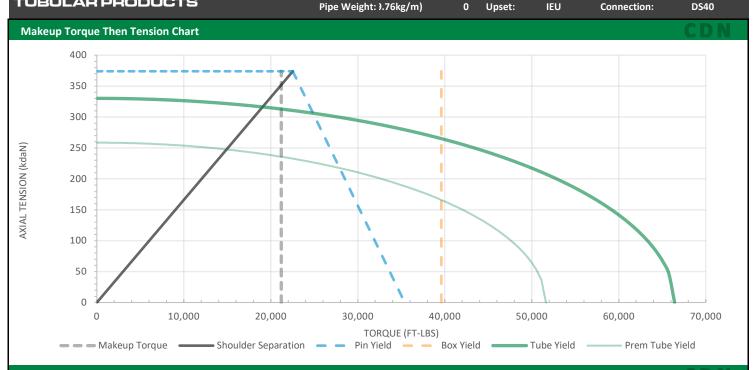
The information in this publication is subject to change without notice, please contact Complete Tubular Products for the latest publication

COMPLETE TUBULAR PRODUCTS

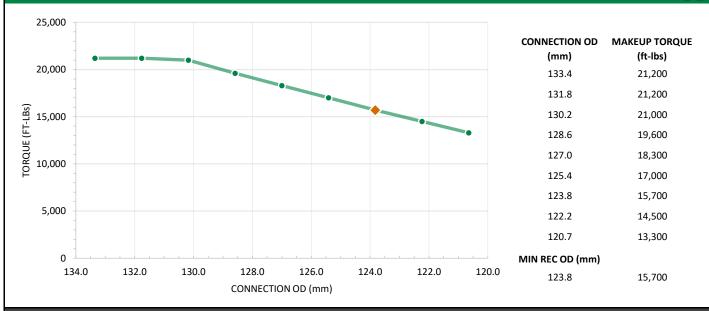
DRILL PIPE PERFORMANCE DATA SHEET

Pipe Size: (114mm) 0 Grade: S135 Range: 2

De Weight: 3.76kg/m) 0 Upset: IEU Connection: DS



Connection Wear Chart



The information contained in this data sheet and other attached documentation is for reference use only. It is not intended to imply any explicit recommendation regarding processes, procedures, or performance of the end product. It is the responsibility of the end user to verify and determine the appropriate use of the technical information - no expressed or implied warranty by Complete Tubular Products is intended.

Calculations are based on uniform wall thickness and outside diameter – no safety factor has been applied. The information provided for inspection classes is based on uniform wear and is not intended to recommend or confirm operational limits of any used product. It is recommended that drilling torque not exceed 80% of the makeup torque, however it is the responsibility of the end user to determine the acceptable use of the end product including appropriate performance ratings and safety factors where applicable. All connection torque calculations have been performed using a thread compound friction factor of 1.0. Complete Tubular Products does not endorse any specific thread compound and waives all responsibility in determining appropriate makeup torque values for any specific drilling circumstance. Modifying makeup torque values for any reason shall be done at the end users discretion and risk.

The information in this publication is subject to change without notice, please contact Complete Tubular Products for the latest publication