COMPLETE

Pipe

DRILL PIPE PERFORMANCE DATA SHEET

 Pipe Size: 4.500 in (114mm)
 Grade:
 \$135
 Range:
 \$2

 Pipe Weight: 16.6lb/ft (24.70kg/m)
 Upset:
 IEU
 Connection:
 430 DUO

, r.pc							NEW	API PREMIUM	
Pipe size	in	4.500	mm	114.3	OD	mm	114.3	110.9	
Pipe weight	 Ib/ft	16.60	kg/m	24.70	Thickness	mm	8.6	6.8	
Upset Type	10/] [IEU	Kg/III	24.70	X-Sec Area	cm ²	28.4	22.4	
Tube grade		S135		Ç,	ection Modulus	cm ³	70.0	54.8	
Range		2			ection Modulus	cm ³	140.0	109.7	
Tube Yield	МРа	931		i Olai Si	Tensile Yield	kdaN	265	208	
ID	mm	97.2			Torsional Yield	N-m	75,200	59,000	
טו	111111	37.2		80%	Torsional Yield	N-m	60,200	47,200	
					l Pressure Yield	MPa	122.0	111.7	
				ппетпа	Collapse Yield	мРа	115.8	75.8	
					D/t	IVIPU	13.35	75.8 16.19	
			Connect	ion/Tubo	Torsional Ratio		0.914	10.19	
			Connect	ion, rube	TOISIOIIAI KALIO		0.514		
Tool Joint								MET	PIC
Toor Joine							NEW	141 5 1	
Connection Type		430 DUO			OD	mm	136.5		
Material Yield Strength	МРа	896	•	Tansila	Yield Strength	kdaN	417		
OD	mm	136.5			l Yield Strength	N-m	68,700		
ID		71.5	Pocom		Makeup Torque	N-m	41,200		
Pin Shoulder Angle	mm	18			Makeup Torque	N-III N-m	44,700		
Pin Tool Joint Length	deg	356	IVI	axiiiiuiii i	viakeup Torque	IN-III	44,700		
Box Tool Joint Length	mm								
Box 1001 Joint Length	mm	356							
Drill Bino Assembly								MET	DIC
Drill Pipe Assembly			C	houldor S	houlder Length	m	9.60	MET	RIC
Drill Pipe Assembly			SI		houlder Length	m ka/m	9.60	MET	RIC
Drill Pipe Assembly				Α	djusted Weight	kg/m	28.14	MET	RIC
Drill Pipe Assembly				A Closed En	djusted Weight d Displacement	kg/m L/m	28.14 10.62	MET	RIC
Drill Pipe Assembly				A Closed En	djusted Weight d Displacement d Displacement	kg/m L/m L/m	28.14 10.62 3.59	MET	RIC
Drill Pipe Assembly				A Closed En	djusted Weight d Displacement	kg/m L/m	28.14 10.62	MET	RIC

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

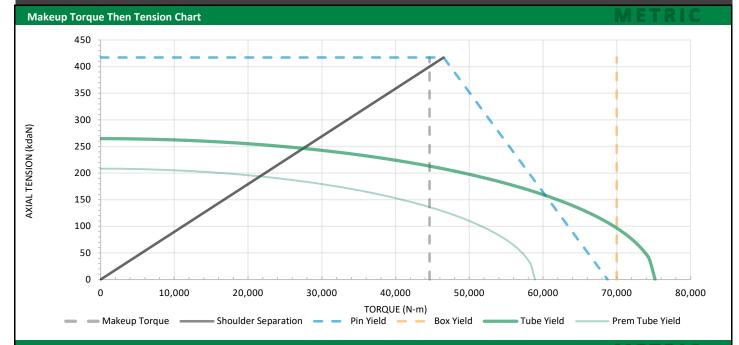
DRILL PIPE PERFORMANCE DATA SHEET

Pipe Size: (114mm) 0 Grade:
Pipe Weight: I.70kg/m) 0 Upset:

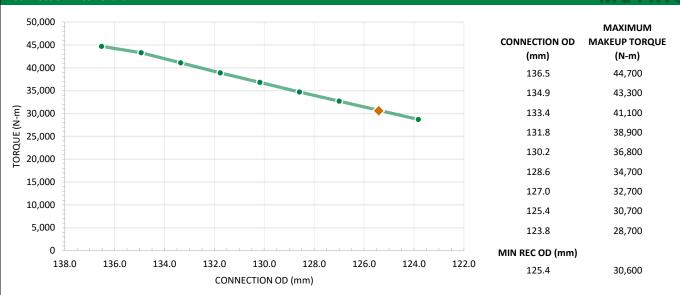
e: \$135

IEU

Range: Connection: 2 430 DUO



Connection Wear Chart



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