Drill Pipe Data & Performance Sheet

5-1/2" 24.70# S-135 R2 XT-57™

TUBE BODY DATA

Tube OD	5.500	in.	
Wall Thickness	0.415	in.	
Tube ID	4.670	in.	
Tensile Yield Strength	704,300	lbs.	(API Premium 80% Inspection Class)
Torsional Yield Strength	79,800	ft-lbs.	(API Premium 80% Inspection Class)
Upset Type | Upset OD (max)	IEU		5.6875 in.
Elevator Capacity	1,315,663	lbs.	
Tube Burst	16,298	psi.	(API Premium 80% Inspection Class)
Tube Collapse	11,177	psi.	(API Premium 80% Inspection Class)
Slip-Crush Capacity (16.5" gripper contact length)	604,800	lbs.	

CONNECTION DATA

Connection	XT-57™	
Tool Joint OD	7.000	in.
Tool Joint ID	4.250	in.
Tool Joint SMYS	120,000	psi.

CONNECTION PERFORMANCE

Make Up Torque (Max.)[1]	56,500 64,975	ft-lbs. (1.0 FF) ft-lbs. (1.15 FF)
Connection Tensile Yield (@ Max. M/U TQ)	977,500	lbs.
Connection Torsional Yield	94,200	ft-lbs.

ENGINEERING DATA

Approximate Length	31	ft.		
Drift Diameter	4.125	in.		
Adj. Weight	26.77	lbs. / ft.		
Displacement	0.4091	gal. / ft.	0.0097	bbls. / ft.
Capacity	0.8734	gal. / ft.	0.0208	bbls. / ft.

Notes:

[1]Max MUT 1.0 FF is 60% of connection torsional strength. As required, adjust MUT according to applied thread compound friction factor, not exceeding 1.15. Rec MUT for most applications is that shown for 1.0 FF, regardless of dope used. Higher MUT should only be applied where rotary torque exceeds 80% of MUT 1.0 FF or when downhole torque and/or backoff is a concern.

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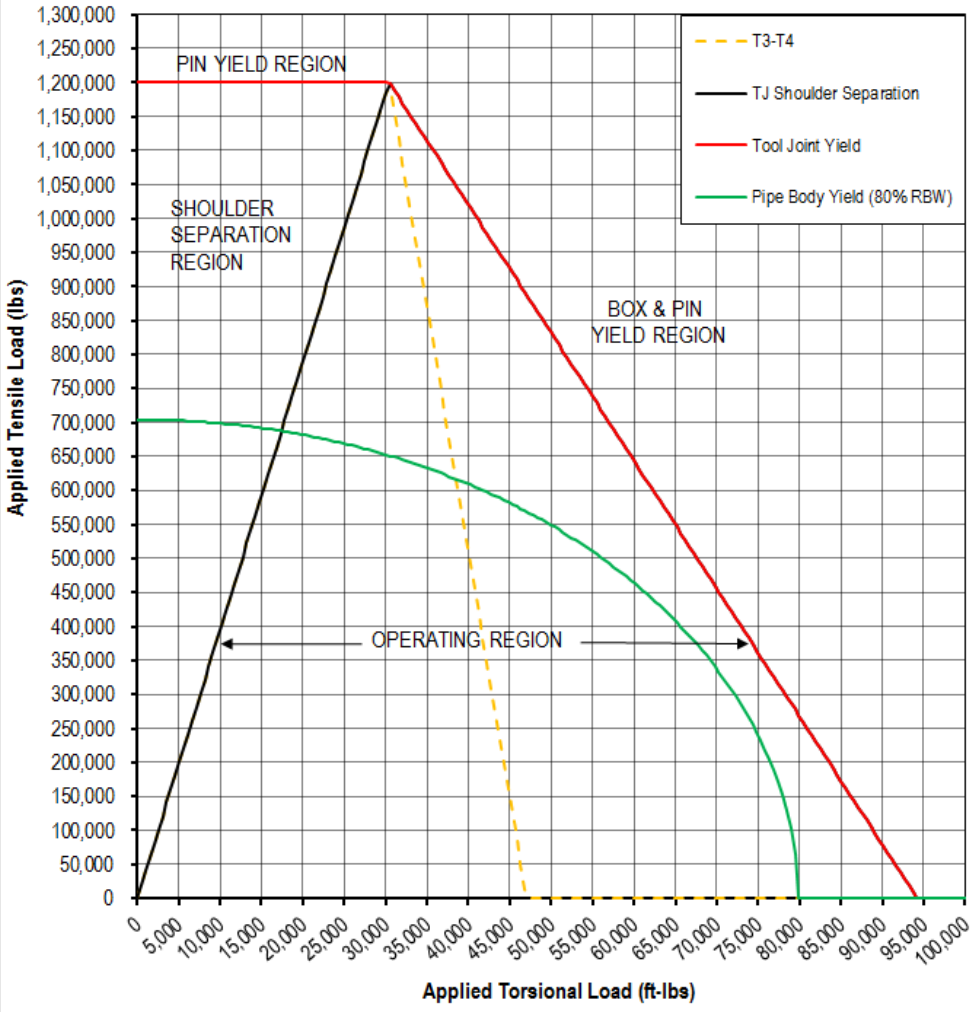
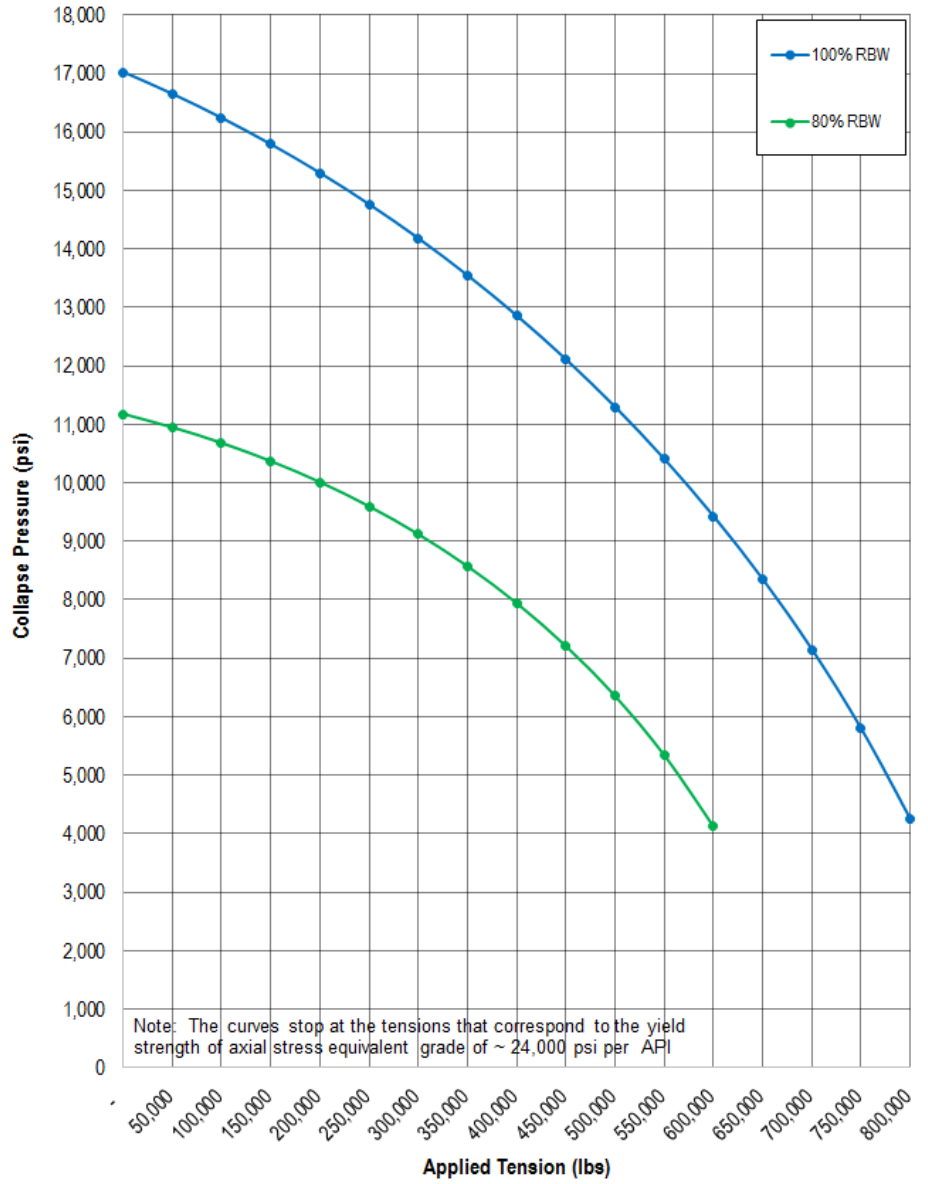
Torque Tension Curve: 5-1/2" 24.70# IEU S-135 Drill Pipe with 7.000 X 4.250 XT-57™ Tool Joint. Curve Based on Calculation Method in API RP7G. Safety Factor =1.0



5-1/2" 24.70# IEU S-135 Drill Pipe Tube Body Collapse Pressure Under Axial Stress - API 5C3



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