

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5.5-08

TECHNICAL SPECIFICATIONS

5-1/2" OD Drill Pipe, S-135, TT-550 Conn's.
New
Premium

80% Remaining Body Wall

DESCRIPTION

Type

IEU, 24.7 #

Range

2

Conventional=welded T-J. / Integral=Monoblock

Conventional

TUBE DATA

Material grade

S-135

Internal plastic coating

TK-34P

Tube body OD x ID

inch

5,500

4,670

5,334

4,670

Wall thickness, nominal

inch

0,415

0,332

Cross Sectional Area

 inch²

6,630

5,217

Polar Sectional Modulus

 inch³

15,688

12,290

Tensile yield pipe

lbf

895 000

704 300

kN

3 981,2

3 132,9

Torsional yield pipe

lbf-ft

101 800

79 800

kNm

138,0

108,2

80% Torsional Yield

lbf-ft

81 500

63 800

kNm

110,5

86,5

CONNECTIONS DATA

Connection type

Turbo Torque 550

Material grade

130 ksi

Hardbanding

TCS-Titanium

OD x ID

inch

6,625

4,250

6,315

4,250

B.S.R.

x : 1

NA

NA

Tensile yield tooljoint

lbf

1 046 600

831 700

kN

4 655,5

3 699,6

Torsional yield tooljoint

lbf-ft

84 800

70 400

kNm

115,0

95,4

Make up torque (Max.)

lbf-ft

59 300

49 300

kNm

80,4

66,8

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio

=> 0.80

0,83

1,06

Drift diameter

inch

4,125

Type of elevator shoulder

18°

Burst pressure

psi

17 830

0

MPa

123

0

Collapse pressure

psi

17 020

0

MPa

117

0

Adjusted weight

lbs/ft

26,58

kg/mtr

39,6

Approx weight each joint

lbs

848

kg

384,6

Capacity

gal/ft

0,88

ltr/mtr

10,94

Open end displacement

gal/ft

0,41

ltr/mtr

5,09

Closed end displacement

gal/ft

1,29

ltr/mtr

16,03

Built In Length (shoulder to shoulder)

ft

31,90

mtr.

9,72

Calculated using nominal OD & ID. Safety & Dope friction factor used: 1.0

Values herein is meant as guidelines only. Odfjell will not be held liable for any damage or injuries !

<http://www.ows.no/Legal-Notice>

Docs. # 1407094

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<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
OWS-DP-TT550-01	740	OWS-1001 to OWS-1741
OWS-DP-TT550-02	107	OWS-1101A to OWS-1207A NSA44051 - 44157