

FORTIES BLEND QUALITY



Previous 2015 quarters

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Forties Blend crude oil changed in quality at the beginning of 2007 when crude oil from the Buzzard field began production through the FPS system. Although there are over seventy other fields making up Forties Blend, Buzzard is now the largest component field and it has altered the hydrocarbon characteristics of the Blend.

A detailed assay for Forties Blend is published on www.bpcrudes.com and can be accessed using the following link:

Forties Blend Assay

Buzzard is a medium gravity, sour crude with an API of 32.6° and a whole crude sulphur level of 1.44% wt. Distillation of the crude produces a yield structure similar to the Urals Blend exported to North West Europe. Buzzard is sour but is not otherwise poor in quality. The acidity is low with a Total Acid Number of 0.09 mgKOH/g. The pour point is +6°C and the metals levels reasonably low at 4.8 ppm wt nickel and 13.8 ppm wt vanadium.

We have based the information in this release on Buzzard assay data provided by Nexen, the Buzzard Operator, from appraisal wells drilled some time ago. As updated Buzzard assay data may become available and when such data has been provided to BP, we will update the information in the release accordingly. However indications to date are that production from the Buzzard field is consistent with the original assay.

The table top right shows a prediction of the proportion of Buzzard oil in Forties Blend over the following 4 months.

We have prepared this using the information provided by Field Operators which BP has not overviewed. We cannot guarantee the accuracy of this information but it does represent the best information made available to the FPS operator by Field Operators.

Date	Buzzard	Forties Blend unstabilised crude oil (thousands of barrels per day)
October 15	32.5 %	533.7
November 15	31.3%	526
December 15	32.6%	561.4
January 16	31.3%	554.6

FPS will endeavour to update the above information on a weekly basis. Last updated on 5 October 2015. Please note that the Forties Blend is now showing unstabilised crude oil mbpd instead of stabilised crude oil, as the Buzzard % was taken in relation to unstabilised SCO.

The table below can be used to estimate the approximate properties of Forties Blend based on the content of Buzzard Crude:

Buzzard % vol	API	Sul (%wt)
0%	43.3	0.29%
5%	42.7	0.36%
10%	42.1	0.42%
15%	41.5	0.48%
20%	40.9	0.55%
25%	40.3	0.61%
30%	39.8	0.67%
35%	39.2	0.73%
40%	38.7	0.79%
45%	38.1	0.85%
50%	37.6	0.90%
55%	37.1	0.96%
60%	36.6	1.01%

The proportion of Buzzard oil entering the FPS System for 2015 is shown below:

Week No.	Dates	Actual Buzzard %	Week No.	Dates	Actual Buzzard %
1Q 2015			3Q 2015		
1	29 December to 4 January	42%	27	29 June to 5 July	39%
2	5 January to 11 January	36%	28	6 July to 12 July	34%
3	12 January to 18 January	40%	29	13 July to 19 July	32%
4	19 January to 25 January	41%	30	20 July to 26 July	37%
5	26 January to 1 February	40%	31	27 July to 2 August	44%
6	2 February to 8 February	32%	32	3 August to 9 August	58%
7	9 February to 15 February	36%	33	10 August to 16 August	52%
8	16 February to 22 February	43%	34	17 August to 23 August	48%
9	23 February to 1 March	46%	35	24 August to 30 August	45%
10	2 March to 8 March	46%	36	31 August to 6 September	36%
11	9 March to 15 March	41%	37	7 September to 13 September	39%
12	16 March to 22 March	39%	38	14 September to 20 September	32%
13	23 March to 29 March	39%	39	21 September to 27 September	33%
2Q 2015			4Q 2015		
14	30 March to 5 April	38%	40	28 September to 4 October	33%
15	06 April to 12 April	40%	41	5 October to 11 October	33%
16	13 April to 19 April	35%	42	12 October to 18 October	20%
17	20 April to 26 April	33%	43	19 October to 25 October	29%
18	27 April to 03 May	37%	44	26 October to 1 November	31%
19	04 May to 10 May	36%	45	2 November to 8 November	33%
20	11 May to 17 May	40%	46	9 November to 15 November	28%
21	18 May to 24 May	37%	47	16 November to 22 November	35%
22	25 May to 31 May	36%	48	23 November to 29 November	34%
23	01 June to 07 June	38%	49	30 November to 6 December	34%
24	08 June to 14 June	36%	50	7 December to 13 December	31%
25	15 June to 21 June	33%	51	14 December to 20 December	32%
26	22 June to 28 June	40%	52	21 December to 27 December	35%

To view previous quarters for 2010–2016 please use the links below:

- <https://www.ineos.com/globalassets/ineos-group/businesses/ineos-fps/forties-blend-quality/ineos-fps-previous-2016-quarters-v1.pdf>
- <https://www.ineos.com/globalassets/ineos-group/businesses/ineos-fps/forties-blend-quality/ineos-fps-previous-2015-quarters-v1.pdf>
- <https://www.ineos.com/globalassets/ineos-group/businesses/ineos-fps/forties-blend-quality/ineos-fps-previous-2014-quarters-v1.pdf>
- <https://www.ineos.com/globalassets/ineos-group/businesses/ineos-fps/forties-blend-quality/ineos-fps-previous-2013-quarters-v1.pdf>
- <https://www.ineos.com/globalassets/ineos-group/businesses/ineos-fps/forties-blend-quality/ineos-fps-previous-2012-quarters-v1.pdf>
- <https://www.ineos.com/globalassets/ineos-group/businesses/ineos-fps/forties-blend-quality/ineos-fps-previous-2011-quarters-v1.pdf>
- <https://www.ineos.com/globalassets/ineos-group/businesses/ineos-fps/forties-blend-quality/ineos-fps-previous-2010-quarters-v1.pdf>

2015

The estimated API and Sulphur content of Forties Blend during the period of 2015 field shutdown is shown below. This is for information only and will change according to actual volumes and qualities delivered by field in the period.

