

000760

Doc. # 5

30/5.06

Typical Gas Analyses



29-30.6.1942

000761

*G. N. J. J. J.*

G a s a n a l y s e n Barometerst. 763.0

Zeit:	CO <sub>2</sub> %	CnHm %	O <sub>2</sub> %	CO %	H <sub>2</sub> %	CH <sub>4</sub> %	N <sub>2</sub> %	H <sub>2</sub> :CO	Idealg.	Ausgef.d.		
<b>Koksgas</b>												
3.00 5.00	2.2	2.1	0.1	6.0	59.9	25.7	4.0	✓		Teichert		
5.00 9.00	2.0	2.3	0.0	6.0	59.8	25.8	4.1	✓		Schw.		
9.00 13.00	2.2	2.3	0.0	5.8	60.2	26.1	3.4	✓		"		
13.00 17.00	2.1	2.3	0.1	6.2	59.6	25.7	4.0	✓		Weber		
17.00 21.00	2.5	2.5	0.0	5.9	59.4	26.5	3.2	✓		Teich.		
21.00 1.00	2.2	2.4	0.0	5.9	59.9	26.3	3.3	✓		Kl.		
∅	2.2	2.9	0.0	6.0	59.8	26.0	3.7	✓	0.442			
Restg. 23-23	22.5	0.3	0.0	8.8	13.7	30.6	24.1	✓1.03	1.116	Rühl		
<b>Gebf. B.</b>												
21.00 5.00	4.8	0.4	0.1	28.7	56.0	5.0	5.0	✓1.95	84.7	Weber		
5.00 13.00	4.8	0.2	0.1	28.7	56.0	4.4	5.8	✓1.95	84.7	Heigl		
13.00 21.00	4.6	0.3	0.1	29.6	55.5	4.4	5.5	✓1.88	85.1	Stgm.		
∅	4.7	0.3	0.1	29.0	55.8	4.6	5.4	✓1.93	0.612	84.8		
Gebf. A. 22-22	4.9	0.2	0.0	28.7	55.2	4.8	6.2	✓1.92	0.621	84.9	Teichert	
Konwertg. 20-20	23.2	0.2	0.2	3.1	64.3	3.6	5.4	✓		"		
H <sub>2</sub>	1.9	0.4	0.1	3.1	83.0	5.3	6.2	✓	0.275	Weber		
<b>Sy-Gas I</b>												
3.00 7.00	5.1	0.3	0.1	27.8	56.0	4.6	6.1	✓2.01	✓	83.8	Elger	
7.00 11.00	5.0	0.3	0.1	28.1	56.1	4.6	5.8	✓2.00	✓	84.2	Schw.	
11.00 15.00	5.1	0.2	0.0	28.6	55.0	4.4	6.7	✓1.92	✓	83.6	Teich.	
15.00 19.00	4.9	0.3	0.1	28.5	55.0	4.4	6.0	✓1.93	✓	83.5	Weber	
19.00 23.00	5.0	0.3	0.0	27.9	55.8	4.7	6.3	✓2.00	✓	83.7	Wlbg.G.	
23.00 3.00	5.0	0.4	0.1	27.8	55.8	4.8	6.1	✓2.01	✓	83.6	Kl.	
∅	5.0	0.3	0.1	28.1	55.6	4.6	6.3	✓1.98	0.616	83.7		
<b>Endgas I</b>												
3.00 7.00	10.5	1.7	0.1	21.4	40.7	13.4	12.2	✓1.90	1.27	62.0	Heigl	
7.00 11.00	10.6	1.5	0.0	22.1	41.0	13.2	11.6	✓1.85	1.22	63.1	Elger	
11.00 15.00	10.5	1.6	0.0	23.1	39.7	11.6	13.5	✓1.72	1.29	62.8	Teichert	
15.00 19.00	10.1	1.7	0.1	21.7	38.1	15.1	13.2	✓1.75	1.26	59.8	"	
19.00 23.00	10.1	1.5	0.0	22.0	41.4	13.2	11.8	✓1.88	1.27	63.4	Kl.	
23.00 3.00	10.3	1.5	0.1	20.4	40.9	14.5	12.3	✓1.99	1.26	63.3	"	
∅	10.4	1.6	0.1	21.8	40.3	13.5	12.4	✓1.85	1.26	62.1		
Sy-G. II 3-3	10.8	0.4	0.0	22.2	42.1	13.4	11.9	✓1.90	1.08	0.773	64.3	Rühl
<b>Endg. II</b>												
3.00 7.00	23.17	1.8	0.0	6.6	12.3	32.8	22.8	✓1.86	1.19	18.9	Elger	
7.00 11.00	23.0	1.6	0.0	8.2	12.5	32.6	22.1	✓1.56	1.19	18.7	Schw.	
11.00 15.00	22.0	1.7	0.1	9.8	11.5	29.5	25.4	✓1.17	1.21	21.3	Weber	
15.00 19.00	21.9	1.6	0.1	9.4	11.5	30.1	25.4	✓1.22	1.22	20.9	Heinzl.	
19.00 23.00	22.2	1.9	0.1	7.8	12.6	31.9	23.5	✓1.62	1.21	20.2	Wlbg.G.	
23.00 3.00	22.3	1.6	0.1	6.3	12.6	34.1	23.0	✓2.00	1.20	18.9	"	
∅	22.5	1.7	0.1	8.0	12.2	31.8	23.7	✓1.57	1.20	20.2		
Abw-9.00	0.0	0.0	20.6	0.3	0.5	0.4	78.2	✓			Heigl	
Rohg. 7.7	10.4	32.6	0.0	5.2	5.1	39.5	7.2	3.66	✓		Gabriel	
CO <sub>2</sub>	99.7						0.3	✓			Schw.	

Sy-Gas I H<sub>2</sub>:CO = 1.98 ✓  
 " II = 1.90 ✓  
 Idealgas I = 83.7 ✓ Kontr. St. I = 51.9 ✓  
 " II = 64.3 ✓ " II = 54.2 ✓  
 Ges. " = 77.8 ✓

000762

f. Gm. Wink

29-30.6.1942

St-Gas Stiehproben.

Zeit:	CO <sub>2</sub>	CO <sub>2</sub> H <sub>2</sub>	O <sub>2</sub>	CO	H <sub>2</sub>	CH <sub>4</sub>	H <sub>2</sub>	H <sub>2</sub> CO	Idealg.	Ausgef.d.	
	%	%	%	%	%	%	%	%			
3.00	5.0	0.2	0.1	27.8	56.1	4.6	6.2	1.92	✓	83.9	Stiegn.
3.30	5.0	0.2	0.0	27.8	56.1	4.6	6.3	1.92	✓	83.9	"
4.00	4.9	0.2	0.1	28.0	55.8	4.7	6.3	1.99	✓	83.8	"
5.00	5.0	0.3	0.0	27.8	55.8	4.7	6.3	1.92	✓	83.6	"
6.00	5.1	0.3	0.1	28.0	56.0	4.6	6.3	1.92	✓	84.0	Schw.
7.00	5.0	0.3	0.1	28.1	55.9	4.6	6.0	1.99	✓	84.0	"
8.00	5.0	0.2	0.1	28.1	56.0	4.5	6.1	1.99	✓	84.1	"
9.00	5.0	0.3	0.0	28.1	56.1	4.7	6.2	1.92	✓	84.2	"
10.00	5.0	0.3	0.1	28.0	55.8	4.7	6.1	1.99	✓	83.8	"
11.00	5.0	0.3	0.1	28.2	56.0	4.5	6.1	1.99	✓	84.2	Heigl
12.00	5.0	0.3	0.1	28.2	55.7	4.5	6.2	1.98	✓	83.9	Eiger
13.00	5.0	0.3	0.1	28.1	55.7	4.6	6.2	1.98	✓	83.8	Schw.
14.00	5.1	0.2	0.0	28.8	54.9	4.5	6.5	1.91	✓	83.7	Teich.
14.00	4.9	0.3	0.0	28.9	54.9	4.1	6.9	1.98	✓	83.8	Stiegn.
14.30	4.7	0.2	0.0	29.0	54.5	4.2	7.4	1.88	✓	83.5	Teich.
15.00	5.0	0.3	0.1	28.8	54.9	3.9	7.0	1.91	✓	83.7	Stiegn.
15.30	5.0	0.3	0.1	28.7	55.4	4.0	6.5	1.95	✓	84.1	"
16.00	4.9	0.3	0.0	28.0	55.9	4.3	6.6	1.92	✓	83.9	"
17.00	5.0	0.2	0.4	28.2	55.6	4.4	6.5	1.97	✓	83.8	Teich.
18.00	4.8	0.3	0.1	28.7	54.6	4.2	7.5	1.91	✓	83.5	Weber
18.30	4.9	0.3	0.1	28.7	54.6	4.4	7.0	1.91	✓	83.5	"
19.00	4.9	0.2	0.0	28.4	55.3	4.5	6.7	1.95	✓	83.7	Stiegn.
19.30	4.9	0.2	0.0	28.1	55.2	4.7	6.9	1.97	✓	83.3	"
20.00	5.1	0.3	0.1	28.4	55.0	4.1	7.0	1.94	✓	83.4	"
20.30	5.2	0.3	0.0	27.8	55.1	5.0	6.6	1.98	✓	82.9	Weber
21.00	5.1	0.3	0.0	27.4	55.7	5.0	6.5	1.93	✓	83.1	"
21.30	5.0	0.3	0.1	27.6	55.7	4.6	6.7	1.92	✓	83.3	"
22.00	5.1	0.3	0.1	28.3	55.2	4.5	6.5	1.95	✓	83.5	Kl.
22.30	5.1	0.3	0.0	27.8	55.3	4.7	6.8	1.99	✓	83.1	Welbg.G
23.00	5.1	0.3	0.0	28.3	55.8	4.4	6.1	1.97	✓	84.1	Kl.
24.00	5.0	0.3	0.1	27.4	55.6	5.2	6.4	1.93	✓	83.0	"
0.30	5.0	0.3	0.0	28.0	55.6	4.5	6.6	1.99	✓	83.6	"
1.00	4.9	0.3	0.0	27.9	55.7	4.8	6.4	1.92	✓	83.6	Welbg.G
2.00	4.8	0.3	0.1	27.9	55.7	4.7	6.5	1.92	✓	83.6	Kl.
$\bar{p}$	5.0	0.3	0.1	28.2	55.5	4.5	6.4	1.97		83.7	

W./

Bergkamen, den 30.6.1942

Abw.H<sub>2</sub> 11.00 10.7 0.1 15.3 0.3 11.0 0.9 61.2 ✓

Ferng. 11.00 0.3 0.0 19.9 0.5 1.0 0.2 78.1 ✓

(H<sub>2</sub>)

Stiegn.

Teichert