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A 39 3116
3446-30/5.01-2
Herrn H e g e r

Detr.: Gesamtprodukt D.V.A.

Ofen 2 HD Synthese (mit Wärmepumpe im Kniclauf,
1+3, vom 25/26. 8. 1940.)

Siedeanalyse (Engler)

S Beginn		55° C
- 60° C	=	1.0 Vol %
70° "	=	2.5 "
80° "	=	6.0 "
90° "	=	11.0 "
100° "	=	16.0 "
110° "	=	21.0 "
120° "	=	25.0 "
130° "	=	27.5 "
140° "	=	33.0 "
150° "	=	36.0 "
160° "	=	40.5 "
170° "	=	44.0 "
180° "	=	48.0 "
190° "	=	53.0 "
200° "	=	56.0 "
210° "	=	59.0 "
220° "	=	62.0 "
230° "	=	65.0 "
240° "	=	68.0 "
250° "	=	70.5 "
260° "	=	73.0 "
270° "	=	75.5 "
280° "	=	78.0 "
290° "	=	80.0 "
300° "	=	83.0 "
Fraktion - 180° "	=	48.0 "
" - 180 - 300° "	=	35.0 "
> 300° "	=	17.0 "

S.P.L. (Olefin nach K.)

- 180° C = 62.2 Vol %
180 - 300° " = 39.0 "
> 300° " = 16.0 " (J.Z. = 11)

Betr.: Ölkondensat Ofen 2 MD Synthese (Wasser im Kreislauf
1-3. vom 27/26. 2. 60)

- 180° C = 25.0 Vol %
180 - 300° " = 58.0 "
> 300° " = 17.0 "

Fraktion:	S.P.L.	J.Z.	N.Z.	V.Z.	OH Z	CO - Z
- 180° C	67.7	-	2	3	61	3
180 - 300° C	50.5	-	1	1	39	2
> 300° C	-	21.4	0.3	3	18	7

Betr.: Rückstand Ölkondensat
Ofen 2 MD Synthese

Rückstand > 300° C fraktioniert im Vakuum
(Temperaturen sind auf Normaldruck umgerechnet)

S-Beginn = 303° C
310 - 320° C = 7.3 Gew %
320 - 330° " = 6.3 "
330 - 345° " = 21.4 " (G₂₀)
345 - 355° " = 13.7 " (G₂₁)
355 - 365° " = 5.8 "
365 - 380° " = 12.2 " (G₂₃)
380 - 390° " = 4.0 "
390 - 400° " = 3.8 "
400 - 420° " = 5.3 "
420 - 430° " = 3.4 "
> 430° " = 11.4 "

Näher untersucht wurden die Fraktionen:

		J.Z. Olefine bei: N.Z. V.Z. OH Z. CC Z				
O ₂₀	330 - 345° C = 25.1	27.6	0	0	11	2.4
O ₂₁	345 - 355° C = 20.7	23.9	0	0	7	2.1
O ₂₃	365 - 380° C = 18.4	23.4	0	0	10	2.1

Ddr.: M.

Hg.