

VII PLANT CAPACITY

The normal output of primary liquid products was stated to be 180-200 tons per day of which about half was benzine and liquefied gas. Diesel oil and wax were indicated to be the other major products but no satisfactory information on product distribution was obtained until seized records were studied.

Table VII, page 56 has been prepared from statements submitted in connection with quarterly royalty payments to Ruhrchemie (Docs. 1 and 2) and shows annual output of principal products from 1939 through 1944. Even for the best years 1940 and 1941 the output of this plant was only a little over one third of the generally assumed capacity figure of 180,000 tonnes per year. Monthly production totals for 1942, 1943 and 1944 are shown by Table VIII, page 57. It will be seen that production fell off suddenly as a result of the severe air raid on the night of July 19-20, 1944. It is believed that all production reported subsequent to July, 1944, resulted from the working up of accumulated stocks of crude oil and perhaps recovering wax and oil from the catalyst in the remaining reactors.

The production of principal products by months for the year 1944 is shown in Table IX page 58.

ANNUAL PRODUCTION OF PRIMARY PRODUCTS
(according to Ruhrchemie License Accounts)*

	1939**		1940		1941		1942		1943		1944	
	Tons	Wt %	Tons	Wt %	Tons	Wt %	Tons	Wt %	Tons	Wt %	Tons	Wt %
Stabilized benzoin	32291.181	61.5	33277.875	48.8	33942.628	47.7	30025.489	46.3	31970.060	51.4	16362.656	51.7
Heavy benzoin	2481.230	4.7	280.900	0.4	249.975	0.3	262.950	0.4	32.340	0.0*	137.950	0.5
Kogasin for mixed diesel fuel	7999.247	15.2	8740.339	12.8	8180.851	11.5	7025.886	10.8	5219.855	8.4	1764.947	5.6
Light Diesel fuel			11991.164	17.6	8213.429	11.6	8173.594	12.7	6445.310	10.4	3219.023	10.2
Liquefied gas	5420.988	10.3	6112.429	8.9	7379.136	10.4	6762.280	10.4	6094.340	9.8	3154.357	10.0
"Hart" Paraffin	736.087	1.4	1397.733	2.1	1407.568	2.0	1712.555	2.6	1679.670	2.7	1165.070	3.7
Kogasin	132.958	0.3	1800.634	2.6	6655.620	9.3	5765.480	8.9	5932.570	9.5	3381.810	10.7
Gatsch	3481.191	6.6	4660.601	6.8	5092.674	7.2	5147.670	7.9	4832.310	7.8	2414.800	7.6
	52542.882		68261.675		71121.881		64880.904		62206.455		31601.113	

* CIOS Documents Nos. 1 and 2.

** Earlier figures from this source not complete since Royalty payments did not begin until 1939. Total 1937-58 production stated elsewhere to be 35,600 tons.

TABLE VIII

MONTHLY PRODUCTION TOTAL *
ALL LIQUID PRODUCTS - METRIC TONS

	<u>1942</u>	<u>1943</u>	<u>1944</u>
Jan.	5,754,466	5,713,123	5,593,659
Feb.	5,460,766	5,403,285	5,296,845
Mar.	6,109,418	5,910,451	5,747,675
Apr.	6,010,346	5,800,730	5,729,077
May	6,357,390	5,925,868	6,020,837
June	6,171,988	5,386,936	4,956,244
July	5,117,943	5,728,477	1,520,445
Aug.	3,825,625	5,551,051	29,100**
Sept.	5,473,729	5,260,693	20,410
Oct.	5,535,115	5,740,129	127,400
Nov.	5,826,542	5,455,951	13,000**
Dec.	<u>5,884,066</u>	<u>5,635,003</u>	<u>0,000**</u>
Totals	<u>67,527,394</u>	<u>66,692,702</u>	<u>35,054,692</u>

** Monthly statement missing; total estimated from other records.

* From CIOS documents 17 and 20.

TABLE IX

Monthly Production of Primary Products*
1944

Metric Tons.

Month	Treibgas	Benzin	Light Diesel Fuel	Mixed Diesel Fuel**	Light Kogasin	Heavy Kogasin	Hart Paraffin	Gatsch
January	638.300	2653.312	533.470	170.000	491.650	411.247	230.200	404.200
February	680.400	2537.045	563.180	172.500	413.108	416.522	137.260	330.300
March	794.800	2705.295	537.470	244.000	365.722	364.368	143.970	353.800
April	801.300	2661.307	744.920	197.000	537.500	358.190	165.440	375.500
May	722.700	2805.479	528.600	329.500	464.390	366.598	220.000	411.300
June	689.800	2228.242	684.370	273.000	507.322	388.060	157.300	403.200
July	227.700	719.903	67.300	72.000	93.740	86.040	18.890	105.060
August	--	--	--	--	--	--	20.000	8.500
September	--	--	--	--	--	--	17.000	3.410
October	--	--	--	--	--	--	--	--
November	--	--	--	--	--	--	10.000	--
Total	4555.000	16310.583	3659.310	1458.000	2873.432	2391.025	1620.060	2395.090

% of Grand Total

12.9	46.3	10.4	4.1	8.1	6.8	4.6	6.8
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* From CIOS Documents 17 & 20.

** Kogasin Component only.