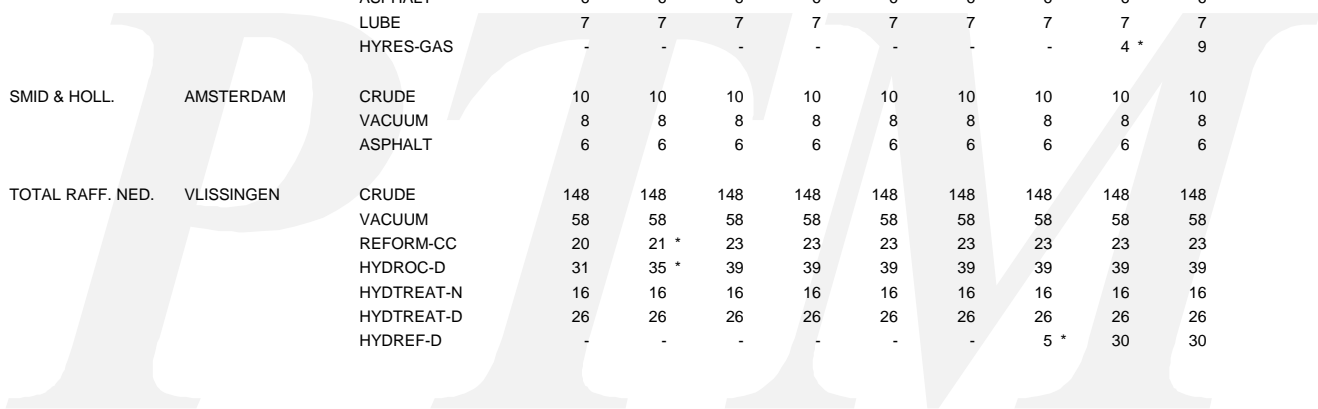


REFINING CAPACITY

(Thousand Barrels per Calendar Day)

COMPANY	LOCATION		1990	1991	1992	1993	1994	1995	1996	1997	2000	
NETHERLAND												
J. ARON	ROTTERDAM	CRUDE	-	-	-	-	-	30 *	45	45	45	
ESSO NEDERLAND	PERNIS	CRUDE	153	160 *	175	175	177 *	180	180	180	180	
		VACUUM	66	70 *	79	79	80 *	81	81	81	81	
		REFORM-CC	27	27	27	27	28 *	28	28	28	28	
		REFORM-SR	22)	22)	22)	22)	22)	22)	22)	22)	22)	
		HYDROC-D	-	-	-	-	15 *	34	34	34	34	
		COKING-FXC	32	33 *	34	34	35 *	37	37	37	37	
		HYDTREAT-N	35	37 *	39	39	39	39	39	39	39	
		HYDTREAT-D	83	83	83	83	86 *	89	89	89	89	
KUWAIT PETR. BV	ROZENBURG	CRUDE	76	76	76	76	76	76	76	76	76	
		VACUUM	37	37	37	37	37	37	37	37	37	
		REFORM-CC	21	21	21	21	21	22 *	23	23	23	
		VISBREAK	6	6	6	6	6	6	6	6	6	
		ISOMER-LN	5 *	7	7	7	7	7	7	7	7	
		HYDTREAT-N	36	36	36	36	36	38 *	41	41	41	
		HYDTREAT-D	31	31	31	31	31	31	31	31	31	
		ASPHALT	3	3	3	3	3	3	3	3	3	
		LUBE	4	4	4	4	4	4	4	4	4	
		NEREFCO	EUROP./PERNIS	CRUDE	399 *	399	399	399	399	399	399	399
VACUUM	101 *			101	101	101	101	101	101	101	73	
REFORM-SR	54 *			54	54	54	54	54	54	54	27	
FCC	49 *			49	49	49	51 *	53	53	53	53	
VISBREAK	60 *			60	60	60	60	60	60	60	35	
ALKYLATION	6 *			6	6	6	6	6	6	6	6	
ISOMER-LN	7 *			7	7	7	7	7	7	7	7)	
HYDTREAT-N	99 *			99	99	99	99	99	99	99	99	68
HYDTREAT-D	72 *			72	72	72	72	72	72	72	72	34
HYDREF-D	-			-	-	-	-	-	-	-	-	40
SHELL NED. RAFF.	PERNIS	CRUDE	348	360 *	374	374	374	374	374	374	374	
		VACUUM	148	148	148	148	148	148	148	148	148	
		REFORM-CC	42	42	42	42	42	42	42	42	42	
		REFORM-SR	17	17	17	17	10 *	17)	17)	17)	17)	
		FCC	78	83 *	87	87	87	87	87	87	62 *	57
		HYDROC-D	-	-	-	-	-	-	-	-	25 *	54
		HYDROC-R	16 *	22)	22)	18 *	22	22	22	22	22	22
		VISBREAK	45	45	45	45	45	45	45	45	45	45
		ALKYLATION	7	7	7	7	7	7	7	7	7	7
		HYDTREAT-N	146	146	146	146	146	146	146	146	146	146
		HYDREF-D	82 *	86	86	86	86	86	86	86	86	86
		ASPHALT	6	6	6	6	6	6	6	6	6	6
		LUBE	7	7	7	7	7	7	7	7	7	7
		HYRES-GAS	-	-	-	-	-	-	-	-	-	4 *
SMID & HOLL.	AMSTERDAM	CRUDE	10	10	10	10	10	10	10	10	10	
		VACUUM	8	8	8	8	8	8	8	8	8	
		ASPHALT	6	6	6	6	6	6	6	6	6	
TOTAL RAFF. NED.	VLISSINGEN	CRUDE	148	148	148	148	148	148	148	148	148	
		VACUUM	58	58	58	58	58	58	58	58	58	
		REFORM-CC	20	21 *	23	23	23	23	23	23	23	
		HYDROC-D	31	35 *	39	39	39	39	39	39	39	
		HYDTREAT-N	16	16	16	16	16	16	16	16	16	
		HYDTREAT-D	26	26	26	26	26	26	26	26	26	
		HYDREF-D	-	-	-	-	-	-	5 *	30	30	



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REFINING CAPACITY

(Thousand Barrels per Calendar Day)

COMPANY	LOCATION	1990	1991	1992	1993	1994	1995	1996	1997	2000
TOTAL NETHERLAND	CRUDE	1134	1153	1182	1182	1184	1217	1232	1232	1163
	VACUUM	418	422	431	431	432	433	433	433	405
	REFORM-CC	110	111	113	113	114	115	116	116	116
	REFORM-SR	71	71	71	71	64	54	54	54	27
	FCC	127	132	136	136	138	140	140	115	110
	HYDROC-D	31	35	39	39	54	73	73	98	127
	HYDROC-R	16	-	-	18	22	22	22	22	22
	COKING-FXC	32	33	34	34	35	37	37	37	37
	VISBREAK	111	111	111	111	111	111	111	111	86
	ALKYLATION	13	13	13	13	13	13	13	13	13
	ISOMER-LN	12	14	14	14	14	14	14	14	7
	HYDTREAT-N	332	334	336	336	336	338	341	341	310
	HYDTREAT-D	212	212	212	212	215	218	218	218	180
	HYDREF-D	82	86	86	86	86	86	91	116	156
	ASPHALT	15	15	15	15	15	15	15	15	15
	LUBE	11	11	11	11	11	11	11	11	11
	HYRES-GAS	-	-	-	-	-	-	-	4	9

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