

〈世界 精製施設 現況〉

◇ 資料 : Dec. 28, 1981, Oil & Gas Journal

(82年 1月 1日 現在)

国名	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
アラブ首長国連邦	Abu Dhabi National Oil Co.-Ruweis	114,000	....	....	....	² 18,193	....	....	² 32,633 ¹ 19,741
	Umm Al Nar	14,250	....	....	....	² 2,660	....	....	² 20,758 ² 5,035
	Total	128,250	....	....	....	20,853	....	....	78,167
エストニア	Government-owned refineries at Ballsh, Cerrik, Stalin.								
	Total	40,000							
アルジェリア	Sonatrach: Arzew	60,000	6,000	....	....	8,600	....	....	8,600
	Hassi Messaoud	2,400	....	....	....	....	....	....	....
	Maison Carree	60,000	....	....	....	15,000	....	....	15,000
	Total	122,400	6,000	....	....	23,600	....	....	23,600
アンゴラ	Petrangol SARL-Luanda	32,100	1,900	....	....	¹ 1,900	....	⁴ 2,800	¹⁻² 3,800
	Total	32,100	1,900	....	....	1,900	....	2,800	3,800
アンティグア	West Indies Oil CL- St. John's	17,500	....	....	....	¹ 1,900 ² 1,100	....	....	¹ 3,000 ⁴ 5,400
	Total	17,500	....	....	....	3,000	....	....	8,400
アルゼンチン	Astrasur, Refinerías Patagónicas de Petróleo SA-Comodoro Rivadavia	6,300	4,400	² 2,200 ² 2,800	....	....	....	....	....
	Destilería Argentina de Petr6leo SA- Lomas de Zamora	2,000	1,500	....	....	....	....	....	....
	Eso SAPA-Bahia Blanca	17,000	....	⁶ 6,600	....	....	....	....	....
	Campana	94,400	49,800	⁵ 13,600	¹ 17,900	¹ 7,900	....	....	....
	Isaura SA-Bahia Blanca	12,000	....	....	....	....	....	....	....
	Shell Cia. Argentina de Petr6leo SA- Buenos Aires	115,000	....	² 28,000	21,000	8,500	....	....	25,000
	Yacimientos Petroliferos Fiscales- Campo Duran	32,000	....	....	....	....	....	....	....
	Dock Sud	4,000	1,000	....	....	....	....	....	....
	Ensenada	216,000	60,000	....	¹ 41,000	9,000	....	....	....
	Lujan de Cuyo	120,000	61,000	....	¹ 16,000	9,000	¹ 19,000	....	....
	Plaza Huincul	23,000	....	....	....	2,500	....	....	....
	San Lorenzo	35,000	3,500	....	....	....	....	....	....
	Total	676,700	181,200	53,200	95,900	36,900	19,000	....	25,000
豪州	Amoco Australia PL-Bulwer Island ..	41,500	14,500	....	¹ 11,000	² 8,500	....	⁴ 7,500	....
	Ampol Refineries Ltd.-Lytton	58,000	18,000	....	¹ 26,000	¹ 13,000 ² 3,200	....	....	¹ 5,400
	Australian Oil Refinery PL-Kurnell ..	129,000	40,000	....	¹ 37,000	¹ 25,300	....	....	¹ 15,000
	Australian Lubricating Oil Refinery Ltd.-Kurnell .....	....	7,100	....	....	....	....	....	⁶ 6,500
	BP Australia-Kwinana	100,000	47,000	....	¹ 19,800	¹ 3,000 ² 13,000	....	⁴ 9,000	¹ 13,000
	Westernport	57,000	3,300	....	....	² 16,000	....	....	¹ 24,000
	Mobil Oil Australia Ltd.-Adelaide ..	21,000	20,000	....	....	....	....	⁵ 5,000	....
	Petroleum Refineries Australia PL- Adelaide	46,500	2,500	....	....	² 16,000	....	....	⁴ 35,000
	Total	653,000	145,300	....	103,800	55,500	27,000	11,500	53,900

국 명	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
바 하 마	Bahamas Oil Refining Co.—Freeport ..	500,000	94,000	....	....	....	....	....	....
바 레 인	Bahrain Petroleum Co.—Awali	250,000	144,000	³ 19,000	¹ 34,200	² 17,100	....	² 52,000 ⁴ 19,000	² 17,100
	Total	250,000	144,000	19,000	34,200	17,100	....	71,000	17,100
방 데 인 시	Eastern Refinery Ltd.—Chittagong....	31,200	2,750	....	....	¹ 1,720	....	....	¹ 1,930 ⁵ 2,520
	Total	31,200	2,750	....	....	1,720	....	....	4,450
바 바 도스	Mobil Oil Barbados Ltd.—Bridgetown .	3,000	....	....	....	....	....	....	....
벨 기 에	Albatros BNV—Antwerp	108,630	44,475	....	....	² 12,150	....	....	² 22,500 ⁴ 22,500
	BP NV—Antwerpen-Kiel	4,900	....	....	....	....	....	....	....
	Belgian Shell NV—Ghent	8,600	....	....	....	....	....	....	....
	Belgische Petroleum Raff. NV—Antwerp	77,000	10,500	....	....	² 19,000	....	....	¹ 19,000 ² 8,000 ⁴ 12,600
	SA Chevron Oil Belgium NV—Feluy ..	140,000	92,000	....	....	² 12,000	....	....	⁴ 40,000
	SA Esso NV—Antwerp	194,000	102,600	....	¹ 24,700	⁴ 29,700	....	⁵ 79,000	² 44,100 ⁵ 71,300
	SIBP NV—Antwerp	321,400	132,300	³ 42,500	¹ 66,200	³ 30,200	....	⁴ 63,400	¹⁻² 67,100
	Texaco Belgium NV—Ghent	180,000	....	....	....	⁴ 20,000	....	⁴ 23,000	¹ 21,000
Total	1,034,530	381,875	42,500	90,900	123,050	....	165,400	328,100	
볼 리 비아	Yacimientos Petrolíferos Fiscales Bolivianos—Cochabamba ..	43,000	2,000	....	....	¹ 7,000	....	....	....
	Santa Cruz	15,000	....	....	....	² 5,900	....	....	....
	Sucre	2,700	....	....	....	....	....	....	....
	Total	60,700	2,000	....	....	12,900	....	....	....
브 라 질	Petróleo Brasileiro SA: Araucária, Paraná	120,600	58,500	....	¹ 37,000	....	....	....	....
	Betim, Minas Gerais	72,400	30,200	....	¹ 13,600	....	....	....	....
	Canoas, Rio Grande do Sul	72,400	35,000	....	¹ 13,100	....	....	....	....
	Cubatão, São Paulo	174,900	101,900	⁵ 11,900 ⁶ 3,700	¹ 48,300	¹ 10,200	....	....	....
	Duque de Caxias, Rio de Janeiro ..	256,900	138,000	....	¹ 34,100	¹ 11,400	....	....	⁶ 12,900 ⁷ 800
	Fortaleza, Ceará	4,200	....	....	....	....	....	....	....
	Manaus, Amazonas	9,700	5,400	....	¹ 1,800	....	....	....	....
	Mataripe, Bahia	135,700	63,700	....	¹ 20,800	....	....	....	⁶ 3,400 ⁷ 2,500
	Mauá, Santo André, São Paulo ..	33,800	9,600	....	² 14,400	....	....	....	....

国名	Company and refinery location	Charge capacity, b/cd							
		crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
UF	Total	300,000							
버마	Petrochemical Industries Corp.-Chauk Syriam	6,300	2,500	....	....	....	....	....	....
	.....	20,000	2,300	² 1,700	....	....	....	....	....
	Total	26,300	4,800	1,700	....	....	....	....	....
카메룬	Sonara-Ste. Nationale de Raffinage-Pointe Limboh	43,000	....	....	....	6,500	....	....	⁴ 10,000 ⁵ 10,000
	Total	43,000	....	....	....	6,500	....	....	20,000
칠레	Empresa Nacional del Petróleo-Concepción	72,000	40,000	² 8,200	¹ 12,000	⁴ 4,000	....	....	....
	Concón	69,000	34,000	....	¹ 20,000	⁵ 5,300	....	....	⁵ 5,300
	Total	141,000	74,000	8,200	32,000	9,300	....	....	5,300
中共	Government-owned refineries at Anshan, Chin-Hsi, Dairen, Fushun, Hangchow, Karamai-Tushantzu, Lanchow, Lenghu, Maoming, Nanchung, Nanking, Peking, Shanghai, Shengli, Taching, Tientsin, Yumen.								
	Total	1,810,000							
台灣	Chinese Petroleum Corp.-Kaohsiung	425,000	79,100	⁵ 6,060	² 9,040	² 20,800 ⁶ 18,080	¹ 18,080	² 18,080	¹ 36,200 ⁶ 6,780 ⁴ 13,560
	Tao-Yuan	90,410	....	....	....	² 13,560	....	¹ 13,560 ⁴ 14,500	....
	Total	515,410	79,100	6,060	9,040	52,440	18,080	46,140	56,540
콜롬비아	Empresa Colombiana de Petróleos -Barrancabermeja-Santander	135,000	80,000	³ 41,000	¹ 62,000	² 6,000	....	....	¹ 22,000 ³ 6,000 ⁴ 4,300 ⁷ 1,400
	Cartagena, Bolivar	50,000	30,000	....	¹ 15,000	....	....	....	....
	Orito, Putumayo	1,000	....	....	....	....	....	....	....
	Tibu, N. de Santander	5,000	....	....	....	....	....	....	....
	International Petroleum Colombia Ltd.-La Dorada	5,000	....	....	....	....	....	....	....
	Texas Petroleum Co.-El Guamo	2,500	....	....	....	....	....	....	....
	Total	198,500	110,000	41,000	77,000	6,000	....	....	33,700
코스타리카	Refinadora Costarricense de Petróleo SA-Limón	15,000	700	....	....	¹ 1,500	....	....	¹ 1,500 ² 2,300
	Total	15,000	700	....	....	1,500	....	....	3,800
쿠바	Government-owned refineries at Cabai-guan, Havana, Santiago de Cuba.								
	Total	160,000							

국 명	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro- cracking	Cat hydro- refining	Cat hydro- treating
키프로스	Cyprus Petroleum Refinery Ltd.- Larnaca	14,000	....	....	....	¹ 3,000	....	....	⁴ 6,000
체코	Government owned refineries at Bratislava, Kolin, Kralupi, Pardubice, Strazke, Zaluži, Zylolen.								
체코	Total	455,000							
덴마크	AS Dansk Shell-Fredericia	59,000	....	² 29,000	....	13,000	....	11,000	18,000
덴마크	Dansk Esso AS-Kalundborg	71,000	20,000	³ 25,000	....	² 7,800	....	⁴ 10,000	² 8,000
덴마크	Gulf Oil Refining AS-Skaelskor	85,000	13,300	¹ 10,000	....	² 17,100	....	....	² 25,900
덴마크	Total	215,000	33,300	74,575	....	37,900	....	21,000	73,300
도미니카	Falconbridge Dominicana C por A-La Peguera	16,000	....	....	....	....	....	....	² 6,213
도미니카	Refineria Dominicana de Petróleo SA-Nigua	32,000	....	....	....	9,500	....	....	16,000
도미니카	Total	48,000	....	....	....	9,500	....	....	22,213
에콰도르	CEPE-Esmeraldas	50,300	25,800	² 11,400	¹ 11,400	....	....	....	....
에콰도르	Anglo-La Libertad	32,300	....	⁶ 2,400	....	....	....	....	....
에콰도르	Gulf-La Libertad	6,600	....	....	....	....	....	....	....
에콰도르	Texaco-Lago-Agrio	1,000	....	....	....	....	....	....	....
에콰도르	Total	90,200	25,800	13,800	11,400	....	....	....	....
이집트	Alexandria Petroleum Co.-Alexandria	64,000	....	....	....	....	....	....	....
이집트	El Nasr Petroleum Co.-Alexandria	60,000	15,062	....	....	....	....	14,058	....
이집트	Suez	50,000	....	....	....	....	....	....	....
이집트	Suez Oil Processing Co.-Mostord	78,000	....	....	....	7,000	....	7,029	....
이집트	Suez	20,000	15,062	....	....	....	....	....	....
이집트	Tanta	20,000	....	....	....	....	....	....	....
이집트	Total	292,000	30,124	....	....	7,000	....	21,087	....
멕시코	Refineria Petrolera Acajutla SA- Acajutla	16,300	1,900	....	....	2,800	....	....	² 5,600
멕시코	Total	16,300	1,900	....	....	2,800	....	....	12,100
이피오리아	Ethiopian Petroleum SC-Assab	14,430	3,020	....	....	1,890	....	....	2,330
핀란드	Neste Oy-Naantali	56,000	15,000	³ 6,500	² 9,500	....	....	⁴ 22,400	² 7,500
핀란드	Porvoo	243,000	60,000	³ 39,000	¹ 28,000	¹ 20,000	¹ 9,200	⁴ 83,000	² 64,000
핀란드	Total	299,000	75,000	45,500	37,500	48,000	9,200	105,400	71,700
프랑스	Cie. Francaise de Raffinage-Gonfreville L'Orcher	454,000	75,000	....	¹ 28,500	¹ 15,100	....	² 86,000	² 71,600
프랑스	La Mede	200,000	47,500	³ 24,000	¹ 30,000	² 48,400	....	² 65,000	....
프랑스	Mardyck	128,000	....	....	....	¹ 17,600	....	² 26,200	² 37,500
프랑스	Cie. Rhénane de Raffinage- Reichstett-Vendenheim	86,000	....	² 16,000	....	12,000	....	12,000	19,000
프랑스	Elf France-Ambes .....	....	....	....	¹ 6,300	....	....	....	....
프랑스	Donges	183,000	32,000	....	¹ 13,000	³ 30,600	....	....	¹ 30,600
프랑스	Feyzin	185,000	40,000	³ 10,000	¹ 15,500	² 9,700	....	....	¹ 9,700
프랑스	Total	1,095,000	194,500	56,500	84,000	105,100	9,200	203,000	130,100

国名	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
프 랑 스	Gargenville	139,000	.....	.....	.....	.....	.....	.....	.....
	Grandpuits	100,000	50,000	³ 12,600	¹ 21,600	² 15,000	.....	.....	¹ 26,000 ⁴ 30,000
	Valenciennes	85,000	.....	.....	.....	² 14,500	.....	.....	¹ 25,500 ⁴ 15,800
	Esso SAF-Ambes	57,000	35,000	.....	.....	⁴ 8,100	.....	.....	¹ 9,500
	Fos sur Mer	170,000	23,000	.....	¹ 14,300	² 25,700	.....	.....	¹ 36,000 ⁴ 46,900
	Port Jerome	160,000	63,000	.....	¹ 18,300	² 16,000 ⁴ 11,000	.....	⁴ 51,000	¹ 26,000 ⁴ 51,000
	Mobil Oil Francaise-Frontignon	82,000	30,600	.....	² 17,000	² 20,000	.....	⁴ 27,000	¹ 26,000
	Notre Dame de Gravenchon	57,000	36,500	.....	.....	² 17,000	.....	⁴ 23,000	¹ 21,000
	Shell Francaise-Berre l'Etang	210,000	.....	² 22,000	18,500	15,000	.....	31,000	63,000
	Pauillac	85,000	.....	.....	18,500	13,000	.....	12,000	22,000
	Petit Couronne	382,000	.....	² 6,000	18,500	41,000	.....	41,000	67,000
	Ste. Francaise des Petroles BP-Dunkirk	86,000	17,000	.....	.....	² 11,250	.....	⁴ 15,300	¹ 11,250
	Lavera	174,000	40,000	¹ 20,000	.....	¹ 5,400	¹ 13,500	⁴ 31,000	³ 13,500
	Vernon	72,000	3,000	.....	.....	² 11,000	.....	⁴ 11,700	² 18,000
Ste. de la Raffinerie de Lorraine-Hauconcourt (Moselle)	104,000	12,000	.....	.....	² 14,500	.....	¹ 15,000	² 35,000	
Ste. de la Raffinerie de Strasbourg-Herrlisheim	92,000	16,600	.....	.....	¹ 22,000	.....	² 15,000	¹ 22,000	
Total	3,291,000	541,200	110,600	220,000	437,750	13,500	462,200	814,850	
가 봉	Ste. Gabonaise de Raffinage-Port Gentil	20,000	.....	² 7,200	.....	1,400	.....	.....	4,500
	Total	470,000							
東 独	Government-owned .....	.....	.....	.....	.....	.....	.....	.....	.....
	Total	470,000							
西 独	Caltex Deutschland GmbH-Raunheim	90,000	29,000	.....	.....	² 3,700	¹ 8,800	.....	⁴ 6,500
	Deutsche BP AG-Dinslaken	121,000	35,000	² 24,000	¹ 16,200	² 15,000	.....	⁴ 14,850	¹ 15,000
	Finkenwerder, Hamburg	59,000	29,000	.....	.....	¹ 7,650	.....	⁴ 9,000	¹ 7,650
	Vohburg	102,000	35,000	.....	¹ 16,000	² 16,000	.....	⁴ 13,500	⁴ 29,000
	Deutsche Marathon Petroleum GmbH-Burghausen	70,000	.....	⁵ 28,000	.....	.....	.....	.....	⁵ 18,000
	Deutsche Shell AG-Godorf	180,000	.....	² 35,000	.....	27,000	.....	40,000	62,000
	Harburg-Grasbrook	86,000	.....	² 14,000	12,000	15,000	.....	12,000	30,000
	Ingolstadt	56,000	.....	² 11,000	.....	8,000	.....	17,000	17,000
	Monheim	8,000	.....	.....	.....	.....	.....	.....	.....
	Deutsche Texaco AG-Heide	105,000	35,000	.....	² 8,000	² 14,000	.....	⁴ 26,000	¹ 14,000
	Elf Bitumenwerke GmbH-Brunsbuettel	7,500	.....	.....	.....	.....	.....	.....	.....
	Elf Gelsenberg-Speyer	140,000	.....	.....	.....	² 22,000	.....	⁴ 22,000	⁴ 40,000
	Erdol Raffinerie Duisburg GmbH-Duisburg	37,800	11,300	.....	.....	² 7,300	.....	⁴ 4,200	¹ 27,300
	Erdolraffinerie Ingolstadt AG-Ingolstadt, Donau	90,000	.....	² 37,000	.....	² 30,000	.....	⁴ 22,000 ⁵ 41,000	.....
	Erdoel Raffinerie Neustadt GmbH-Neustadt-Donau	144,000	65,400	³ 15,300	¹ 22,700	¹ 17,700	.....	⁴ 27,200	⁴ 22,500
	Erdolwerke Frisia-Emden	45,000	.....	.....	.....	¹ 4,000 ² 6,000	.....	⁴ 6,500	¹ 12,100
	Esso AG-Hamburg	110,000	18,900	.....	¹ 15,100	² 13,600	.....	.....	² 30,500 ⁴ 36,800
	Ingolstadt	100,000	37,000	.....	¹ 20,200	² 13,600	.....	.....	² 22,800 ⁴ 47,400
	Karlsruhe	160,000	48,600	² 30,200 ³ 25,800	.....	¹ 16,300 ² 13,600	.....	.....	² 47,700 ⁴ 80,800
	Koln	115,000	18,900	² 12,300 ² 25,400	.....	⁴ 8,800	.....	.....	² 10,900 ⁴ 23,100
	Gwerkschaft Erdol-Raffinerie Deurag-Nerag-Misburg	45,000	.....	⁵ 13,000	.....	7,000	.....	6,000	10,000
	Mobil Oil AG-Wilhelmshaven	160,000	.....	.....	.....	² 32,000	¹ 10,000 ⁴ 8,500	⁴ 55,000	¹ 41,000
Worth	75,000	23,000	.....	¹ 12,000	² 14,000	.....	⁴ 19,000	¹ 28,000	
Oberrheinische Mineralolwerke GmbH-Karlsruhe	142,000	86,000	³ 26,000	¹ 52,000	² 10,300 ⁶ 19,700	.....	³ 42,200 ⁴ 16,800	¹ 33,600	

国名	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
西 独	Oelwerke Julius Schindler GmbH-Hamburg	8,800	5,700	.....	.....	.....	.....	⁶ 2,000 ⁷ 500	.....
	Saarland-Raffinerie GmbH-Völklingen	78,000	.....	.....	.....	.....	.....	.....	.....
	Union Rheinische Braunkohlen Kraftstoff AG-Wesseling	125,000	.....	² 38,000	.....	¹ 8,800	¹ 34,500	.....	² 15,100 ⁴ 13,600
	Veba Oel AG-Gelsenkirchen	267,000	10,600	³ 16,000 ⁵ 29,000	¹ 5,000 ² 11,900	¹ 20,000 ² 7,000	.....	⁴ 62,970	¹ 65,400
	Wintershall AG-Lingen	91,400	28,900	⁵ 15,300	.....	¹ 7,400 ² 11,100 ⁴ 15,000	¹ 19,200	⁴ 21,300	¹ 18,400 ² 2,500
	Mannheim Salzbergen	113,700 5,100	..... 4,600	.....	.....	² 13,800	.....	⁴ 29,500	¹ 13,800 ⁶ 1,100
Total	2,937,300	521,900	395,300	191,100	445,350	81,000	510,520	823,550	
가 나	Ghanaian Italian Petroleum CL-Tema	26,600	.....	.....	.....	¹ 6,175	.....	.....	.....
그 리 스	Hellenic Aspropyrgos Refinery SA-Aspropyrgos	115,000	4,300	.....	.....	¹ 5,200 ² 9,500	.....	² 15,300	¹ 22,300
	Motor Oil (Hellas) Corinth Refineries SA-Aghii Theodori	140,000	34,000	³ 11,400	¹ 17,500	8,500	.....	25,800	11,800
	Petrola Hellas SA-Eleusis	100,000	.....	.....	.....	.....	.....	.....	.....
	Thessaloniki Refining Co. AE-Thessaloniki	72,000	4,000	.....	.....	² 7,100	.....	.....	² 15,800 ⁴ 21,700
Total	427,000	42,300	11,400	17,500	30,300	.....	41,100	71,600	
괌	Guam Oil & Refining Co.-Apra Heights	43,700	400	.....	.....	.....	.....	.....	.....
관 태 일 라	Texas Petroleum Co.-Escuintla	16,000	.....	.....	.....	² 3,000	.....	.....	¹ 3,000 ⁵ 2,000
	Total	16,000	.....	.....	.....	3,000	.....	.....	5,000
홍 부 라 스	Refineria Texas de Honduras SA-Puerto Cortes	14,000	.....	.....	.....	¹ 1,800	.....	.....	¹ 2,000 ⁴ 2,800
	Total	14,000	.....	.....	.....	1,800	.....	.....	4,800
형 거 리	Dunai KV-Százhalombatta	196,000	77,500	.....	.....	² 26,000	.....	.....	¹ 26,000 ⁴ 40,000
	Komáromi KV-Komárom	32,500	.....	.....	.....	² 4,100	.....	.....	¹ 4,100 ⁴ 8,200
	Tiszai KV: Leninváros	66,500	33,000	.....	.....	.....	.....	.....	⁴ 16,400
	Nyirbogdány	6,500	.....	.....	.....	.....	.....	.....	.....
	Zalai KV-Zalaegerszeg	10,000	6,000	.....	.....	.....	.....	.....	.....
Total	311,500	116,500	.....	.....	30,100	.....	.....	94,700	
인 도	Assam Oil CL-Digboi	11,500	.....	² 800	.....	.....	.....	.....	.....
	Bharat Petroleum CL-Mahul, Bombay	120,000	33,000	.....	¹ 17,000	7,000	.....	.....	.....
	Cochin Refineries Ltd.-Ambalamugal	66,000	7,420	³ 22,830	.....	5,660	.....	34,590	.....
	Hindustan Petroleum CL-Visakhapatnam	28,850	14,425	.....	¹ 7,700	.....	.....	.....	.....
	Indian Oil CL-Barauni	64,000	15,000	.....	12,800	.....	.....	.....	.....
	Baroda	144,000	15,000	³ 18,400	7,000	.....	.....	.....	.....
	Gauhati	16,400	.....	.....	6,000	.....	.....	.....	.....
Haldia	50,000	20,000	³ 8,500	4,500	.....	.....	13,800	4,500	
Madras Refineries Ltd.-Manali	56,000	20,000	² 4,900	.....	¹ 2,400	.....	.....	¹ 2,400 ⁴ 25,100	

국 명	Company and refinery location	Charge capacity, b/cd							Cat hydro- treating
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro- cracking	Cat hydro- refining	
	Total (India)	556,750	124,845	55,430	55,000	15,060	....	48,390	⁶ 4,900 36,900
인 도 네 시 아	Lemigas-Cepu, Central Java	2,000	....	....	....	....	....	....	....
	Pertamina-Balikpapan, Kalimantan	71,250	12,350	....	....	....	....	....	....
	Cilacap, Central Java	95,000	15,818	....	....	⁶ 11,590	....	....	¹ 1,615 ² 16,150 ⁷ 13,870
	Dumai, Central Sumatra	95,000	....	....	....	² 5,890	....	....	....
	Pangakalan Brandan, North Sumatra	4,275	....	....	....	....	....	....	....
	Plaju, South Sumatra	105,640	22,800	² 9,500	....	115,200	....	....	....
	Sungei Gerong, South Sumatra	75,050	47,500	....	¹ 18,525 ² 19,000	....	....	....	....
	Sungei Pakning, Central Sumatra	47,500	....	....	....	....	....	....	....
	Wonokromo, East Java	2,500	....	....	....	....	....	....	....
Total	498,215	98,468	9,500	37,525	32,680	....	....	31,635	
이 라 니	National Iranian Oil Co.-Esfahan	200,000	96,800	³ 38,000	....	29,600	¹ 30,000	....	29,000
	Shiraz	40,000	18,400	³ 8,800	....	6,245	¹ 9,380	3,120	5,225
	Tabriz	80,000	....	....	....	....	....	....	....
	Tehran	210,000	100,000	³ 34,000	....	28,000	¹ 26,000 ² 27,800	....	....
	Total	530,000	215,200	80,800	....	63,845	93,180	3,120	34,225
Note: Present status uncertain due to Iran-Iraq war.									
이 라 크	Oil Refineries Administration-Basra ..	70,000	....	....	....	....	....	....	....
	Daura	71,000	....	....	....	5,000	....	....	13,000
	K3-Haditha	7,000	....	....	....	....	....	....	....
	Khanaqin	12,000	....	....	....	....	....	....	....
	Mufthia	4,500	....	....	....	....	....	....	....
	Qaiyarah, Mosul	2,000	....	....	....	....	....	....	....
	Iraqi Company for Oil Operations- Kirkuk	2,000	....	....	....	....	....	....	....
Total	168,500	....	....	....	5,000	....	....	13,000	
Note: Present status uncertain due to Iran-Iraq war.									
아 이 레 비 니	Irish Refining CL-Whitegate	56,000	....	....	....	⁴ 14,500	....	....	¹ 14,500 ⁴ 5,600
Total	56,000	....	....	....	14,500	....	....	20,100	
이 스 라 엘	Oil Refineries Ltd.-Ashdod	70,000	....	² 24,000	....	9,300	....	24,300	....
	Haifa	120,000	60,000	⁶ 20,000	¹ 15,000	15,000	....	24,000	....
	Total	190,000	60,000	44,000	15,000	24,300	....	48,300	....
이 탈 리 아	Amoco Italia SpA-Cremona	96,000	....	....	....	² 10,300	....	....	⁴ 7,800
	ANIC SpA-Gela	80,000	32,000	⁵ 20,000	¹ 21,000	² 14,000	....	⁴ 25,000	² 7,000
	Ragusa	7,000	....	....	....	....	....	....	....
	Anonima Petroli Italiana-Falconara, Marittima	83,000	13,000	² 4,000 ³ 33,000	....	² 11,000	....	....	² 13,000 ⁴ 12,000
	Aquila SpA-Trieste	110,000	18,000	....	....	17,000	....	15,000	23,500
	ERG SpA-Genoa, San Quirico	130,000	....	³ 38,500	....	9,900	....	33,500	....
	Eso Italiana SpA-Augusta, Siracusa	181,200	129,300	....	¹ 40,100	15,100	....	14,000	29,000
	Gaeta Industrie Petroli SpA-Gaeta	100,000	....	....	....	9,000	....	6,200	10,000
	Industrie Chimiche Italiane de Petrolio SpA-Frassino, Mantovano	55,000	7,000	³ 21,000	....	9,500	....	5,600	15,000
	Industria Italiana Petroli-La Spezia ..	103,000	24,100	....	....	¹ 20,200	....	....	⁴ 12,100 ¹⁻²⁻⁷ 25,000

국 명	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro- cracking	Cat hydro- refining	Cat hydro- treating
이 탈 리 아	Rho	79,800	29,000	.....	² 13,700	² 16,000	.....	⁵ 12,700	¹⁻²⁻⁷ 21,600
	Taranto	90,900	13,300	.....	.....	² 16,000	.....	.....	¹⁻²⁻⁷ 12,100
	Industria Leganti Stradali del Affini (Iisea)-Como	10,140	.....	.....	.....	1,700	.....	.....	¹⁻²⁻⁷ 23,400
	Iplom Raffineria Petroli SpA-Busalla	46,500	12,600	² 13,100	.....	.....	.....	.....	.....
	Irom-Industria Raffinazione Oli Minerali-Porto Marghera	108,000	11,000	.....	.....	⁴ 17,500	.....	⁴ 20,000	.....
	ISAB-Mellilli	220,000	105,000	.....	.....	² 24,000	.....	⁴ 54,000	.....
	Lombarda Petroli SpA-Villasanta	23,500	.....	⁴ 630	.....	⁶ 4,000	.....	.....	¹ 4,800
	Mach SpA-Volpiano, Torino	80,000	.....	.....	.....	11,500	.....	12,000	20,000
	Mediterranea SpA-Milazzo, Sicily	505,000	80,000	.....	¹ 45,000	10,000	.....	20,000	10,000
	Mobil Oil Italiana SpA-Naples	100,000	22,500	.....	² 18,400	² 12,500	.....	¹ 13,500	¹ 12,500
	Montedipe SpA-Priolo, Siracusa	300,000	50,000	.....	¹ 30,000	¹ 10,000	¹ 17,000	.....	.....
	Raffineria Delle Piane SpA-Genoa, San Quirico	3,000	2,700	.....	.....	.....	.....	.....	.....
	Raffineria del Po SpA-Sannazaro de Burgondi	230,000	50,000	.....	¹ 19,500	⁴ 41,000	.....	⁴ 37,000	² 30,000
	Raffineria de Roma SpA-Rome	91,200	13,700	.....	.....	² 15,100	.....	² 10,400	² 22,700
	Sanquirico SpA-Genoa, San Quirico	32,500	.....	.....	.....	1,500	.....	11,500	.....
	Saras SpA-Sarroch	360,000	90,000	³ 20,000	¹ 57,000	² 14,000	.....	³ 30,000	¹ 28,000
	Sardoil SpA-Porto Torres, Sassari	100,000	.....	.....	.....	² 13,000	.....	.....	¹ 13,000
	Sarni SpA-Bertonico	80,000	14,000	.....	.....	² 12,000	.....	.....	⁴ 7,800
	Sarom-Ravenna	240,000	.....	.....	.....	² 10,000	.....	² 10,000	.....
	Sarpom-Treccate, Novara	215,000	23,000	.....	¹ 12,000	27,000	.....	.....	79,100
	Soc. Petroliera Italiana-Arcola, La Spezia	30,667	.....	.....	.....	.....	.....	.....	.....
Stanic-Livorno	111,200	36,000	.....	.....	² 19,500	.....	⁴ 16,000	⁷ 8,000	
Total	4,002,607	776,200	150,230	256,700	406,300	17,000	419,400	474,600	
아 이 코 보 리 트	Ste. Ivoirienne de Raffinage-Abidjan	40,000	.....	.....	.....	⁴ 4,600	.....	⁴ 3,400	¹ 3,100
	Ste. Multinationale de Bitume-Abidjan	10,400	7,500	.....	.....	.....	.....	.....	² 4,400
	Total	50,400	7,500	.....	.....	4,600	.....	3,400	7,500
자 마 이 카	Esso West Indies Ltd.-Kingston	22,000	1,800	.....	.....	¹ 3,500	.....	.....	² 6,500
	Total	22,000	1,800	.....	.....	3,500	.....	.....	13,500
日 本	Asia Kyoseki CL-Sakaide, Kagawa	142,500	38,000	.....	¹ 14,250	² 9,500	.....	¹ 26,600	¹ 13,300
	Asia Oil CL-Hakodate	23,750	1,425	.....	.....	² 1,235	.....	² 49,400	⁴ 18,050
	Yokohama, Kanagawa	95,000	.....	.....	.....	¹ 8,550	⁴ 6,650	¹ 30,400	¹ 13,300
	Chita Oil Ltd.-Chita, Aichi	100,000	46,000	.....	.....	³ 22,000	.....	² 37,000	² 43,000
	Daikyo Oil CL-Yokkaichi City	215,000	83,500	.....	¹ 23,500	9,000	.....	77,000	⁴ 46,000
	Fuji Kosan Oil CL-Kainan	77,600	44,000	.....	.....	.....	.....	.....	6,500
	Fuji Oil CL-Sodegaura	189,900	79,600	⁶ 19,000	¹ 10,800	² 13,600	.....	² 52,400	9,000
	General Sekiyu Seisei KK-Kawasaki	55,000	.....	.....	.....	² 8,500	.....	.....	¹ 27,000
	Sakai	120,000	53,000	.....	.....	² 25,000	.....	¹ 31,000	⁴ 51,100
	Idemitsu Kosan CL-Chita, Aichi	130,000	.....	.....	.....	⁴ 16,000	.....	¹ 55,000	² 6,000
	Himeji, Hyogo	110,000	.....	.....	.....	² 15,000	.....	⁴ 40,000	¹ 11,000
Ichihara, Chiba	310,000	60,000	.....	¹ 39,000	² 29,000	.....	¹ 40,000	⁴ 40,000	
.....	.....	.....	.....	.....	.....	.....	³ 39,000	¹ 26,000	
.....	.....	.....	.....	.....	.....	.....	⁴ 30,000	¹ 25,000	
.....	.....	.....	.....	.....	.....	.....	¹ 40,000	¹ 43,000	
.....	.....	.....	.....	.....	.....	.....	² 29,000	² 6,000	

国	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
日本	Tokuyama, Yamaguchi	140,000	70,000	....	¹ 20,000	² 12,000	....	⁴ 53,000 ² 45,000 ³ 20,000 ⁴ 30,000	¹ 15,000
	Tomakomai, Hokkaido	70,000	....	....	....	² 11,000	....	⁴ 17,000	¹ 18,000
	Kashima Oil CL-Kashima, Ibaragi	171,000	63,650	....	¹ 13,300	² 7,125	....	¹ 42,750 ² 23,750 ⁵ 27,550	¹ 7,600
	Koa Oil CL-Marifu	141,550	50,400	⁵ 20,520	¹ 12,600	² 9,900	....	² 9,000	¹ 9,900
	Osaka	76,000	49,500	....	¹ 14,400	² 8,100	....	² 10,800	⁴ 15,300 ¹ 8,100 ⁴ 9,000
	Kyokuto Petroleum Ltd.-Chiba	143,000	85,000	....	....	² 14,500	....	² 57,000 ⁴ 18,000 ⁵ 9,000	¹ 16,000
	Kyushu Oil CL-Oita	170,000	91,000	....	¹ 12,000	8,000	....	69,000	....
	Maruzen Oil CL-Chiba	208,000	58,800	....	¹ 23,500	² 22,600	....	¹ 54,800 ³ 31,600	¹ 22,600 ² 7,250 ⁴ 51,500
	Matsuyama	27,100	....	....	....	² 4,500	....	....	² 7,200 ⁴ 9,900
	Sakai	99,500	30,700	....	¹ 17,600	² 4,500	....	² 18,100	² 6,300
	Shimotsu	20,300	13,100	....	¹ 5,850	² 5,000	....	....	⁴ 17,200 ¹ 5,000 ⁴ 6,300 ⁶ 2,300
	Mitsubishi Oil CL-Kawasaki	94,500	5,220	....	....	² 14,850	....	⁴ 26,550	¹ 16,650
	Mizushima	243,000	87,300	....	¹ 20,700	² 30,330	....	¹ 40,500 ² 27,000 ³ 27,000 ⁴ 38,700	¹ 28,400 ³ 12,600 ⁶ 3,690
	Nichimo Sekiyu Seisei KK-Kawasaki	95,000	20,000	....	....	¹ 7,600	....	....	¹ 7,600 ⁴ 15,000 ⁵ 7,600
	Nihonkai Oil CL-Toyama	60,000	....	....	....	....	....	....	....
	Nippon Mining CL-Funakawa	14,150	2,740	....	....	....	....	....	....
	Mizushima	235,200	101,000	....	¹ 25,000	¹ 23,000	¹ 3,000	¹ 31,000 ² 60,000 ⁴ 49,100	² 36,300 ⁶ 6,000
	Nippon Oil CL-Niigata	28,000	2,000	....	....	5,100	....	....	⁵ 16,500
	Nippon Petroleum Refining CL-Kudamatsu	42,000	4,500	....	....	² 5,200	....	....	² 5,700 ⁶ 6,200
	Muroran	110,000	50,000	....	¹ 13,000	² 18,000	....	² 40,000	² 32,000 ³ 48,000
	Negishi	330,000	143,000	....	¹ 25,000	² 31,000	....	² 81,000	² 41,000 ⁵ 69,000
	Yokohama	70,000	25,000	....	¹ 5,600	² 3,300	....	....	² 3,300 ⁵ 7,300
	Seibu Sekiyu KK-Onoda	172,000	....	....	....	18,000	....	66,000	72,000
	Showa Sekiyu KK-Kawasaki	135,000	....	....	....	20,000	....	41,000	30,000
	Kawasaki	84,000	....	⁴ 18,000	....	9,000	....	53,000	25,000
	Niigata	40,000	....	....	....	4,400	....	1,800	11,000
	Showa Yokkaichi Sekiyu KK-Yokkaichi	276,000	....	....	15,000	31,000	....	73,000	85,000
	Taiyo Oil CL-Ehime	69,000	4,000	....	....	² 5,000	....	....	¹ 8,200 ⁴ 12,000
	Toa Nenryo Kogyo-Kawasaki	191,000	123,000	....	¹ 78,000	¹ 20,000	....	¹ 78,000 ⁴ 12,000	² 34,000 ⁴ 33,000
	Shimizu	50,000	....	....	....	¹ 9,500	....	⁴ 10,000	² 9,500
	Wakayama	187,000	79,500	....	¹ 32,500	¹ 36,000	....	¹ 25,000 ⁴ 22,000	² 35,500 ⁴ 41,000
	Toa Oil CL-Kawasaki	100,000	53,000	² 21,000	....	11,000	....	46,000	48,500
	Toho Oil CL-Owase	40,000	....	....	....	....	....	....	....
Tohoku Oil CL-Sendai	100,000	60,000	....	....	² 13,000	....	² 35,000	¹ 13,000 ⁴ 21,000	
Total	5,601,050	1,677,935	78,520	421,600	584,640	9,650	2,018,055	1,483,025	
日本	Jordan Petroleum Refinery-Zarka	91,330	14,822	....	¹ 4,410	¹ 874 ² 8,640	....	....	¹ 11,860 ⁴ 2,000

국 명	Company and refinery location	Charge capacity, b/cd						
		crude	Vacuum distillation	Thermal Operations	Catalytic cracking	Cat reforming	Cat hydro- cracking	Cat hydro- refining	Cat hydro- treating
멕시코	Cangrejera	200,000	.....	.....	.....	.....	.....	² 86,000
	Madero	185,000	80,000	³ 8,000	¹ 51,000	² 15,000	.....	² 18,000
	Minatitlan	200,000	83,000	⁴ 9,000	¹ 24,000	² 32,000	.....	² 40,000
	Poza Rica	16,000	.....	.....	.....	.....	.....	.....
	Reynosa	9,000	.....	.....	.....	.....	.....	.....
	Salamanca	200,000	96,200	² 4,000	¹ 40,000	² 24,800	² 18,000	.....
	Salina Cruz	170,000	75,000	.....	¹ 40,000	⁴ 20,000	.....	² 33,000
Tula, Hidalgo	150,000	75,000	³ 41,000	¹ 40,000	² 30,000	.....	² 37,600	
Total	1,470,000	594,200	82,000	297,000	141,800	18,000	.....	561,600
아랍 에미리트	Samir-Mohammedia	50,000	.....	.....	.....	6,500	.....	2,200
	Ste. Cherifienne des Petroles-Sidi Kacem	22,000	6,000	.....	² 5,600	2,700	.....	.....
	Total	72,000	6,000	.....	5,600	9,200	.....	2,200
말디브	Government owned	16,000	.....	.....	.....	.....	.....	.....
레바논	Tripoli Oil Installations-Tripoli	35,000	12,730	.....	¹ 7,250	4,392	.....	7,392
	Mediterranean Refining Co.-Sidon	17,000	.....	.....	.....	¹ 2,900	.....	.....
	Total	52,000	12,730	.....	7,250	7,292	.....	7,392
리비아	Liberia Petroleum Refining-Monrovia	15,000	1,000	.....	.....	¹ 2,000	.....	.....
	Total	15,000	1,000	.....	.....	2,000	.....	4,100
리비아	Esso Sirte-Marsa El Brega	9,500	.....	.....	.....	¹ 1,500	.....	¹ 200
	Libyan National Oil Co.-Azzawlya	120,000	.....	.....	.....	13,000	.....	.....
	Total	129,500	.....	.....	.....	14,500	.....	1,200
마다가스카르	Solima-Managareza, Tamatave	11,440	.....	.....	.....	1,610	.....	.....
말레이시아	Esso Malaysia Berhad-Port Dickson	40,000	2,800	.....	.....	¹ 6,000	.....	⁴ 7,800
	Sarawak Shell Berhad-Luton	45,000	.....	.....	.....	.....	.....	² 9,700
	Shell Refining Co. Berhad-Port Dickson	90,000	2,000	.....	.....	4,000	.....	⁴ 4,900
	Total	175,000	4,800	.....	.....	10,000	.....	12,800
마리나	Ste. Anonyme de la Raffinerie des Antilles-Fort-de-France	11,000	.....	.....	.....	2,500	.....	3,500
멕시코	Petroleos Mexicanos-Azcapotzalco	105,000	48,000	³ 20,000	¹ 23,000	.....	.....	.....
	Cadereyta	235,000	137,000	.....	¹ 40,000	¹ 20,000	.....	.....
								² 36,000
								⁵ 50,000

国名	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
	Total (Jordan)	91,330	14,822	....	4,410	9,514	....	....	13,860
케냐	East African Oil Refineries Ltd.— Mombasa	79,000	....	....	....	¹ 8,500	....	....	⁴ 31,000
韓國	Honam Oil Refinery CL—Yosu	355,000	....	....	....	² 15,300	....	....	² 22,500
	Korea Oil Corp.—Ulsan	265,000	4,400	² 12,990	....	² 17,850	....	⁴ 9,500	¹ 18,450 ³ 2,580
	Kukdong Oil CL—Busan	12,500	7,000	....	....	....	....	2,000	....
	Kyung In Energy CL—Inchon	60,000	....	....	....	⁴ 3,600	....	⁴ 4,000	¹ 3,600 ⁴ 3,500
	Modern Petroleum CL—Busan	2,000	....	....	....	....	....	....	....
SSangyong Oil Refining CL—Onsan ..	60,000	16,850	....	....	....	³ 6,000	....	² 850 ⁴ 14,000 ² 3,300	
	Total	754,500	28,250	12,990	....	36,750	6,000	15,500	67,780
北韓	Government-owned, Unggi	42,000	....	....	....	....	....	....	....
란디	Shell Nederland Raffinaderij BV—Pernis ..	530,000	....	² 42,000	75,000	54,000	....	¹ 12,000	¹ 36,000 ¹ 36,000
	Smid & Hollander BV—Amsterdam ..	8,000	8,000	....	....	....	....	....	....
	Total Raffinaderij Nederland NV— Vlissingen	150,000	....	....	....	² 14,000	....	....	² 14,000 ⁴ 25,000 ⁴ 18,000
	Total	1,707,500	137,900	148,900	111,000	211,900	....	265,100	506,150
네덜란드	Lago Oil & Transport CL—Aruba	420,000	230,000	³ 205,000	....	....	....	171,000	....
	Shell Curacao NV—Curacao	362,000	....	² 55,000	42,000	15,000	....	25,000	95,000
	Total	782,000	230,000	260,000	42,000	15,000	....	196,000	95,000
뉴질랜드	New Zealand Refining—Whangarei	74,000	....	....	....	24,000	....	6,400	37,000
니카라과	Esso Standard SA Ltd.—Managua ..	14,400	1,900	....	....	2,850	....	....	11,130
나이지리아	Nigerian Petroleum Refining CL— Alesa Eleme	60,000	....	....	....	¹ 6,000	....	....	....
	Kaduna	47,500	14,440	....	¹ 19,950	¹ 16,625	....	....	¹ 22,800 ⁴ 16,625
	Port Harcourt	51,000	....	....	....	¹ 5,700	....	....	....
	Warri	95,000	30,400	....	¹ 23,750	¹ 16,150	....	....	¹ 16,150 ⁸ 8,360
	Total	253,500	44,840	....	43,700	44,475	....	....	63,935

국 명	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum Distillation	Thermal Operations	Catalytic cracking	Cat reforming	Cat hydro- cracking	Cat hydro- refining	Cat hydro- treating
노 르 웨 이	AS Norske Esso-Slagentangen	90,000	....	³ 21,000	² 9,000	....	....	⁴ 8,000	² 17,700
	Valloy	2,700	....	....	....	....	....	....	⁵ 800
	AS Norske Shell-Sola	60,000	....	² 26,000	....	10,000	....	9,000	16,000
	Rafinor AS-Mongstad	90,000	....	⁵ 20,000	....	² 10,000	....	....	¹ 10,000
	Total	242,700	....	67,000	9,000	20,000	....	17,000	60,500
오 끼 나 와	Nansei Sekiyu KK-Nishihara	80,000	....	....	....	¹ 9,600	....	....	² 23,500
	Nippon Petroleum Refining CL— Nakagusuku	28,000	....	....	....	² 2,000	....	....	² 2,000
	Okinawa Sekiyu Seisei—Okinawa City	100,000	....	....	....	....	....	¹ 38,000	....
	.....	....	....	....	....	....	....	² 20,000	....
	.....	....	....	....	....	....	....	⁴ 15,000	....
Total	208,000	....	....	....	11,600	....	73,000	40,500	
파 키 스 탄	Attock Refinery Ltd.—Rawalpindi	36,000	1,000	....	....	....	....	....	....
	National Refinery Ltd.— Korangi, Karachi	42,100	5,690	....	....	¹ 2,210	....	....	¹ 2,210
	Pakistan Refinery Ltd.—Karachi	55,000	....	....	....	³ 3,000	....	....	⁵ 7,300
	Total	133,100	6,690	....	....	5,210	....	....	29,510
파 나 마	Refinería Panama SA—Las Minas	100,000	14,000	....	....	² 7,500	....	....	¹ 10,000
	Total	100,000	14,000	....	....	7,500	....	....	20,000
파 라 과 이	Refinería Paraguaya SA—Villa Elisa	7,500	....	....	....	....	....	....	....

페 루	Petróleos del Peru—Iquitos	1,140	....	....	....	....	....	....	....
	La Pampilla	95,000	10,450	....	¹ 6,365	³ 1,760	....	....	² 2,565
	Marsella	1,330	....	....	....	....	....	....	....
	Pucallpa	2,375	....	....	....	....	....	....	....
	Talara	61,750	20,425	....	¹ 15,884	....	....	....	....
	Total	161,595	30,875	....	22,249	1,760	....	....	2,565
필 리 핀	Bataan Refining Corp.—Limay	155,000	20,000	....	² 15,000	¹ 23,800	....	² 18,000	² 52,000
	Caltex (Philippines) Inc.—Batangas	63,000	18,100	....	¹ 8,100	² 8,100	....	....	¹ 210,800
	Pilipinas Shell Petroleum—Tabangao	68,000	....	....	....	8,300	....	5,500	¹ 14,400
	Total	286,000	38,100	....	23,100	40,200	....	23,500	92,700
폴 란 드	Government-owned refineries at Glinik Mariampolski, Jasto, Jealicze, L. Warynski, Czechowice, Plock, Trzebinia, Gdansk, Kralaty. Of these, Plock is by far the largest, accounting for roughly 80% of Polish refinery production in mid-1979. Its crude capacity is nearly 300,000 b/d.								
	Total	385,000							
포 르 투 갈	Petrogal—Cabo Ruivo .....	....	20,700	....	² 11,000	....	....	....	⁴ 6,000
	Leça Palmeira, Porto	139,882	6,778	....	....	² 26,547	....	² 9,040	¹ 28,114
	.....	....	....	....	....	....	....	....	² 26,203
	Sines	225,000	25,400	....	....	⁴ 27,500	¹ 10,200	....	⁷ 4,053
	Total	364,882	52,878	....	11,000	54,047	10,200	9,040	138,270
Caribbean Gulf Refining Corp.— Bayamón	38,000	20,000	....	¹ 12,000	⁴ 6,000	....	....	¹ 6,000	
	.....	....	....	....	....	....	....	⁴ 11,000	

국 명	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
푸에르토리코	Commonwealth Oil Refining Co.— Peñuelas	161,000	65,000	³ 20,000	³ 40,000	² 70,000	.....	.....	¹ 70,000 ⁴ 16,000
	Yabucoa Sun Oil Co.—Yabucoa ..	85,000	42,500	.....	.....	.....	³ 15,600	.....	.....
	Total	284,000	127,500	20,000	52,000	76,000	15,600	.....	103,000
카타르	National Oil Distribution Co.— Umm Said	13,300	.....	.....	.....	² 1,900	.....	.....	¹ 3,800
루마니아	Government-owned refineries at Brazi, Pitesti, Sulpacu, Bacau, Borzesti, Brazov, Cimpina, Darmanesti, G. Gheorghiu Dej, Onesti, Ploesti, Teaejen, and Navodan. New grassroots refinery at Navodari went on stream in early 1979 at 75,000 b/d.								
	Total	617,000							
사우디아라비아	Arabian American Oil Co.— Ras Tanura	415,000	100,000	.....	.....	37,000	.....	25,000	.....
	Jeddah Oil Refinery—Jeddah	54,250	11,750	.....	.....	2,600	.....	1,600	2,600
	Riyadh Oil Refinery—Riyadh	18,082	9,674	³ 2,530	.....	5,786	¹ 5,741	.....	2,170
	Total	487,332	121,424	2,530	.....	45,386	5,741	26,600	4,770
세네갈	Ste. Africaine de Raffinage— M'Bao (Dakar)	18,000	.....	.....	.....	1,900	.....	.....	1,900
시에라리온	Sierra Leone Petroleum Refining Co.—Freetown	10,000	.....	.....	.....	.....	.....	.....	.....
싱가포르	BP Refinery Singapore PL Pasir Panjang	28,000	.....	.....	.....	.....	.....	.....	.....
	Esso Singapore PL—Jurong	250,000	44,000	.....	¹ 8,600	.....	.....	.....	² 21,000 ⁴ 22,000 ⁵ 18,000 ⁷ 14,000
	Mobil Oil Singapore PL—Jurong	193,000	70,000	² 45,000	.....	¹ 3,000 ² 10,000	.....	⁴ 36,000	¹ 16,800
	Shell Eastern Petroleum Ltd.— Pulau Bukom	460,000	.....	² 60,000	.....	17,000	.....	35,000	160,000
	Singapore Refinery CL— Pulau Merlimau	165,000	32,000	.....	.....	.....	¹ 16,300	.....	⁴ 42,800
	Total	1,096,000	146,000	105,000	8,600	30,000	16,300	71,000	294,600
소말리아	Iraqsoma Ref. Co.—Mogadishu	10,000	.....	.....	.....	.....	.....	.....	.....
남아프리카	Caltex Oil SA PL—Cape Town	90,000	44,000	³ 9,500	¹ 25,000	² 10,500	.....	⁵ 17,600	¹ 13,500
	Mobil Oil Refining Co.— Southern Africa PL—Durban	100,000	32,000	³ 11,000	¹ 15,000	² 19,000	.....	⁴ 28,000	¹ 21,000
	†Durban .....	.....	.....	.....	.....	.....	.....	.....	.....
	National Petroleum Refiners of South Africa PL—Sasolburg OFS ..	78,500	27,900	³ 7,250	¹ 18,500	² 11,500	¹ 8,300 ² 7,850	.....	¹ 11,500 ⁴ 10,500
	Shell and BP South African Petroleum Refineries PL—Durban ..	155,000	73,000	³ 39,000	¹ 24,000	² 21,000	.....	⁴ 42,000	⁴ 39,000
Total	423,500	176,900	66,750	82,500	62,000	16,150	87,600	95,500	
†South African Oil Refining Co. is owner; Mobil is operator.									
스페인	Asfaltos Españoles SA—Tarragona ..	21,000	16,800	.....	.....	.....	.....	.....	.....
	Cia. Española de Petróleos—San Roque (Cádiz)	176,000	30,000	.....	.....	35,000	.....	.....	24,000
	Tenerife	176,000	12,000	.....	.....	19,000	.....	20,000	.....
	Cia. Ibérica Refinadora de Petroleos—La Coruña	135,400	.....	³ 15,000	.....	⁴ 21,400	.....	.....	¹ 21,400 ⁴ 17,000

국 명	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
스 페 인	Enpetrol—Cartagena, Murcia	220,000	18,100	.....	.....	⁴ 26,000	⁴ 17,100	⁴ 28,500	¹ 14,000 ² 16,000
	Puertollano, Ciudad Real	175,000	12,000	.....	.....	⁴ 17,000	.....	² 9,300 ⁴ 22,000	¹ 17,100 ⁶ 1,700
	Tarragona	174,000	61,000	.....	.....	⁴ 16,000	¹ 11,000	² 22,000 ⁴ 20,600	¹ 16,000
	Petróleos del Mediterraneo— Castellón de la Plana	120,000	.....	.....	.....	² 13,100	.....	.....	² 25,000 ⁴ 30,000
	Refinería de Petróleos del Norte SA—Somorrostro, Vizcaya	240,000	.....	.....	.....	² 33,500	.....	.....	¹⁻² 48,600 ⁴ 40,700
	Unión Explosivos Rio Tinto SA— La Rábida, Huelva	80,000	23,300	.....	.....	² 14,100	.....	.....	¹ 14,100 ⁴ 8,000 ⁶ 2,800
	Total	1,517,400	173,200	15,000	.....	195,200	28,000	122,400	296,400
스 리 랑 카	Ceylon Petroleum Corp.— Sapugaskanda	50,000	1,900	³ 12,500	.....	² 3,750	.....	² 2,100	¹ 8,000 ⁴ 7,300
	Total	50,000	1,900	12,500	.....	3,750	.....	2,100	15,300
스 단	Port Sudan Refinery Ltd.—Port Sudan	24,000	.....	.....	.....	¹ 2,100	.....	.....	⁴ 8,900
스 웨 덴	AB Nynas Petroleum—Gothenburg ..	7,500	6,300	.....	.....	.....	.....	.....	.....
	Malmö	2,300	2,000	.....	.....	.....	.....	.....	.....
	Nynashamn	45,000	2,800	.....	.....	6,300	.....	.....	² 6,300 ⁶ 2,000
	BP Raffinaderi—Gothenburg	106,000	.....	.....	.....	² 24,500	.....	.....	⁴ 46,000
	Shell Raffinaderi AB—Gothenburg ..	90,000	.....	² 33,000	.....	17,000	.....	22,000	30,000
	Skandinaviska Raffinaderi AB— Brofjorden-Lysekil	220,000	67,500	.....	.....	⁴ 36,000	.....	² 45,300 ⁴ 31,500	² 45,300
Total	470,800	78,600	33,000	.....	83,800	.....	98,800	129,600	
스 위 스	Raffinerie de Cressier SA—Cressier ..	65,000	.....	¹ 24,000	.....	15,000	.....	12,600	22,000
	Raffinerie du Sud-Ouest SA— Collobmey	72,300	.....	.....	.....	² 10,000	.....	.....	² 16,700
	Total	137,300	.....	24,000	.....	25,000	.....	12,600	38,700
시 리 아	Banias Refining Co.—Banias	120,600	46,424	³ 20,679	.....	14,355	.....	33,155	20,248
	Homs Refinery Co.—Homs	102,440	6,510	⁵ 17,100	.....	2,620	.....	26,040	.....
	Total	223,040	52,934	37,779	.....	16,975	.....	59,195	20,248
탄 자 아	Tanzanian & Italian Petroleum Refining CL—Kigamboni, Dar es Salaam	13,500	.....	.....	.....	³ 3,000	.....	.....	¹ 5,000
태 국	Esso Standard Thailand Ltd.—Cholburi	46,000	6,800	.....	.....	¹ 6,700	.....	⁴ 7,800	² 13,400 ⁴ 6,000 ⁷ 7,800
	Summit Industrial Corp. (Panama)— Bangchak, Prakanong	65,000	.....	³ 5,000	.....	9,500	.....	16,000	5,000
	Thai Oil Refinery CL—Sriracha, Cholburi	65,000	.....	² 12,000	8,800	8,700	.....	10,000	33,000
	Total	176,000	6,800	17,000	8,800	24,900	.....	33,800	65,200
토 고	Ste. Togolaise des Hydrocarbures— Lomé	20,000	.....	.....	.....	⁴ 4,400	.....	.....	¹ 7,600

国名	Company and refinery location	Charge capacity, b/cd							
		Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
TRINIDAD	Texaco Trinidad Inc.—Pointe-a-Pierre	356,000	166,000	....	¹ 25,000	¹ 10,000	....	² 80,000	¹ 20,000
	Trinidad and Tobago Oil CL—Point Fortin	100,000	7,000	....	....	¹ 7,000	....	....	¹⁻² 22,000
	Total	456,000	173,000	....	25,000	27,000	....	80,000	58,000
튀니지	Ste. Tunisienne Industries des Raffinage—Bizerte	34,000	....	....	....	3,300	....	....	....
터키	Anadolu Tasfiyehanesi AS—Mersin	90,000	....	....	....	² 10,500	....	⁴ 11,500	¹ 22,000
	Istanbul Petrol Rafinerisi AS—Izmit	170,000	70,000	....	¹ 25,000	² 9,500	....	⁴ 16,000	¹ 12,500
	Turkish Petroleum Corp.—Aliaga	85,700	31,000	....	¹ 12,660	² 8,200	....	....	² 10,700
	Batman	21,700	1,800	....	³ 3,600	² 1,175	....	....	² 1,175
Total	367,400	102,800	....	41,260	29,375	....	27,500	51,875	
英 国	BP Refinery Kent Ltd.—Isle of Grain	211,000	62,000	....	¹ 16,650	² 33,000	....	⁴ 25,000	¹ 33,000
	Conoco Ltd.—South Killingholme	130,000	55,000	² 55,000	....	² 64,000	....	....	⁴⁻⁵ 143,000
	Esso Petroleum CL—Fawley	294,000	60,000	....	¹ 81,000	² 29,900	....	⁴ 76,200	² 73,000
	Lindsey Oil Refinery Ltd.—Killingholme, South Humberside	189,000	71,900	....	¹ 33,000	² 33,400	....	⁴ 40,600	¹⁻² 45,400
	Mobil Oil CL—Coryton, Essex	145,000	43,000	....	¹ 9,500	² 27,000	....	⁴ 33,000	¹ 35,000
	Phillips Imperial Petroleum Ltd.—Port Clarence	100,000	....	....	....	....	....	....	....
	Philmac Oils Ltd.—Eastham, Cheshire	....	10,500	....	....	....	....	....	....
	Shell U.K. Ltd.—Shell Haven	175,000	....	....	....	44,000	13,700	17,000	74,000
	Stanlow	250,000	....	....	49,000	38,000	....	48,000	60,000
	Teessport	107,000	....	² 47,000	....	15,000	....	5,400	46,000
	Total (England)	1,601,000	302,400	162,000	189,150	307,700	13,700	245,200	546,000
	BP Refinery N.I. Ltd.—Belfast	31,000	....	....	....	² 6,000	....	⁴ 3,330	⁴ 10,000
	BP Refinery Grangemouth Ltd.—Grangemouth	173,000	76,000	....	¹ 17,000	² 23,000	¹ 27,000	....	⁴ 62,000
Shell U.K. Ltd.—Ardrossan	5,500	....	....	....	....	....	....	....
Total (Scotland)	178,500	76,000	....	17,000	23,000	27,000	....	62,000	
Amoco UK Ltd.—Milford Haven	102,000	48,500	....	¹ 31,500	² 17,500	....	....	⁵ 29,000	
BP Refinery Llandarcy Ltd.—Llandarcy, Neath	112,000	49,000	....	¹ 18,000	² 19,000	....	⁴ 13,500	¹ 10,000	
Esso Petroleum CL—Milford Haven, Dyfed	174,000	....	³ 40,200	....	² 21,000	....	⁴ 56,000	² 41,500	
Gulf Oil Refining Ltd.—Milford Haven	103,000	37,500	....	....	² 22,000	....	....	² 31,000	
Texaco Ltd.—Pembroke, Dyfed	180,000	10,000	....	....	² 20,000	....	⁴ 30,000	¹ 26,000	
Total (Wales)	671,000	145,000	40,200	49,500	99,500	....	99,500	185,100	
Total United Kingdom	2,481,500	523,400	202,200	255,650	436,200	40,700	348,030	803,100	
아르헨티나	Administración Nacional de Combustibles, Alcohol y Portland—La Teja, Montevideo	45,000	12,000	....	¹ 5,000	¹ 3,000	....	....	¹ 3,000
Total	45,000	12,000	....	5,000	3,000	....	....	8,000	

소련 Government-owned refineries at Angarsk, Batumi, Fergana, Gorki, Grozny, Guryev, Ishimbai, Khabarovsk, Kherson, Kirishi, Komosomolsk, Krasnovodsk, Kremenchug, Kuibyshev, Lisichansk, Moscow, Mozyr, Baku, Omsk, Orsk, Polotsk, Ryazan, Saratov, Syzran, Tuapse, Ufa, Ukhta, Vannovskiy, Volgograd, Yaroslavl, Pavlodar, Mazheikiay, Drogobych, Nadvornaya, Odessa, Nizhnekamsk, and Perm.

Company and refinery location	Charge capacity, b/cd							
	Crude	Vacuum distillation	Thermal operations	Catalytic cracking	Cat reforming	Cat hydro-cracking	Cat hydro-refining	Cat hydro-treating
Total (U. S. S. R.)	11,600,000							
베네수엘라								
Corpoven-Bajo Grande	58,450	11,750	....	....	....	....	....	....
El Palito	104,000	66,500	....	¹ 42,000	¹ 6,500	....	....	....
El Toreno	4,700	....	....	....	....	....	....	....
Lagoven-Amuay Bay	630,900	357,700	....	....	....	....	⁵ 234,200	....
Maraven-Cardon	325,210	88,360	² 74,520	¹ 57,600	....	....	⁵ 70,600	....
Meneven-El Chaure	39,500	....	....	....	....	....	....	....
Puerto La Cruz	156,000	....	....	¹ 14,600	....	....	....	....
San Roque	4,300	1,500	....	....	....	....	....	....
Total	1,323,060	525,810	74,520	114,200	6,500	....	304,800	....
Note: Caripito, Moron, San Lorenzo, and Tucupita refineries not in operation.								
이탈리아								
Hess Oil Virgin Islands Corp.-St. Croix	640,000	140,000	....	....	70,000	....	150,000	....
남아프리카								
Aden Refinery Co.-Little Aden	178,000	....	....	....	¹ 12,000	....	⁴ 3,000	....
아르헨티나								
Bosanski Brod	43,129	19,298	....	....	² 6,360	¹ 7,456	....	¹ 4,971
Lendava	13,500	....	....	....	....	....	....	....
Novi Sad	11,100	....	....	....	....	....	....	....
Pancevo	29,878	....	....	....	3,996	....	8,793	....
Rijeka	160,000	15,800	³ 6,100	....	18,500	....	3,000	5,000
Sisak	38,800	2,650	....	¹ 1,960	16,300	....	2,700	17,200
Zagreb	600	300	....	....	....	....	....	....
Total	297,007	38,048	6,100	1,960	45,156	7,456	14,493	27,171
자이레								
Soc. Zairo-Italienne de Raffinage-Muanda	17,000	....	....	....	² 3,000	....	....	² 5,000
잠비아								
Indeni Petroleum Refinery CL-Bwana Mkubwa Area, Ndola	24,500	2,400	....	....	² 5,600	....	....	⁴ 9,000

— 海外弘報用 統計資料 —

KOREAN OIL STATISTICS TODAY

(Monthly)

大韓石油協會 弘報室