

<MTBE>

「Clean Air Act」 MTBE

MTBE 가 가 70 , 가
 가
 MTBE 90 (Clean Air Act) 가 가
 가
 가 가
 가 가
 가 가
 MTBE 가
 가 가

92 11 가 41 ()
 27%(MTBE 15%) 가 7)

MTBE						(:1,000)					
			1992			1994			1996		
	7,394	7,313	81	8,650	9,326	676	11,905	15,000	3,095		
	400	0	400	500	0	500	500	100	400		
	720	300	420	720	400	320	900	400	500		
	2,800	3,500	700	3,500	3,500	0	3,700	3,500	200		
	500	50	450	600	100	500	3,000	100	2,900		2.0%
	450	550	100	980	960	20	1,690	2,000	310		(EPA)
	12,264	11,713	551	14,950	14,286	664	21,695	21,100	595		

(4 11 1 2)
 가
 1 가
 가 가

MTBE 15% 가
 MTBE 가 , 92
 MTBE , 92 ~ 94
 92
 가 , 91 ~ 92 가 400 92
 가 300 100 가
 MTBE TAME 93
 200
 95
 92 ~ 94 MTBE
 95
 92 10 가
 가 2000
 , MTBE

MTBE (1993) (:1,000 ,%)					
	가	MTBE			
4	17.48	2,926	1,097	833	4,856
5	1.06	221	65	58	344
6	5.65	1,421	357	367	2,145
7	4.30	1,260	271	450	1,981
	28.49	5,828	1,790	1,708	9,326

: MTBE

TAME (:1,000M /)			
	1		
Amoco	Texas City, TX	1994	155
BP America	Belle Chase, LA	1992	69
Chevron	El Segundo, CA	1993	86
Citgo (Champlin)	Corpus Christi, TX	1993	128
D i a m o n d	Mckee, TX	1993	69
Shamrock	Baytown, TX	1993	217
Exxon Chemical	Virgin Islands	1993	145
Hess	Convent, LA	1993	121
Star Enterprise	Delaware City, DE	1993	92
	Corpus Christi, TX	1993	72
			1,154

: Bonner & Moore

EC 0.15g 99 , EC 89
 / , 92
 /
 가
 MTBE 10% 가
 가 40 ~ 50%

80

90

MTBE가 , 가

MTBE 가 가

40~45%, 50%

0.15g 가 2 가 2

MTBE가

0.15g 가 가 (RON) 98

가

MTBE (: 1,000)											
가						가					
	Amerada Hess	F	St.Croix VI	105	94		Texaco	F	Los Angeles CA	42	92
	Ashland	F	St.Paul Park MN	42	93			F	El Dorado KS	65	93
	BP America	F	Belle Chasse LA	147	93			F	Puget Sound WA	84	93
		F	Lima OH	126	93		Texas Petro	D	Houston TX	344	92
	Chem. Processing	F	Marcus Hook PA	55	93			D	Houston TX	295	95
	Chevron	D	Norco LA	315	94		Texas City Ref.	F	Texas City	72	92
		F	Richmond CA	84	93		Tosco	F	Martinez CA	126	93
		F	Pasagoula MS	84	93		Transamerica	D	Goodhope LA	336	95
		F	Philadelphia PII	84	95		Valero	F	Corpus Christi TX	147	92
	Citgo	F	Port Arthur TX	120	94			D	Corpus Christi TX	546	94
	Coastal	F	Corpus Christi TX	42	95		AEF	D	Edmonton	525	92
		D	Cheyenne WY	172	92			D	Edmonton	525	95
	Conoco	F	Westville NJ	85	95		Alberta N. Gas	D	Scotford	242	95
	Exxon	F	Denver CO	65	94		Esso Chemical	F	Toronto	75	95
		F	Billings MT	21	95		Pemex	D		200	94
	Koch Refining	F/R	Baton Rouge TX	160	95		Maraven/Lagoven	D		350	94
		D	Houston TX	840	94		DEA	F/R		186	94
	Mark Weat	F	Rosemount	85	93		Statoil	D		500	95
	Mobil	F	Corpus Christi TX	85	93		Neste	F		86	93
		F	Siloam KY	160	94		AGIP	F		60	93
		F	Chalmette LA	85	94		ANIC	F		40	93
	Oxychem Fules	F	Torrance CA	86	94		Saras	F		60	93
		F	Joliet IL	58	92		Exxon	F		120	93
	Shell	R	Beaumont TX	71	95		ENP	R		80	94
		R	Chocolate Bayou TX	100	93		Neste	F/R		100	94
		F	Wood River IL	130	94		IBN zahar	D		700	94
		F	Wilmington CA	42	94		IBN Sina	D		700	95
	Southwesten	F	Anacortes WA	84	94		Mobil/Chemvest	D		800	95
	Star	F/R	Norco LA	126	94		Xenel	D		500	95
	Enterprise	F	Corpus Christi	62	92		Sadafi Shell	D		500	95
		F	Delawara City DE	84	93		IOL	D		500	95
		F	Convent LA	118	92		Sonatrach	D		500	95
		F	Port Arthur TX	118	92		Hyundaj	R		40	94
	Sun Refinery	F	Toledo OH	110	94		Samsung	R		40	95
	Enron (EGP)	D	La Porte TX	525	92		Bangkok Bank	R		50	95
		D	La Porte TX	735	95			F		70	92
	Texaco	F/R	Port Neches TX	95	92			F/R		100	93
		TBA	Port Neches TX	588	94			F/R		60	93

: F Raf-1, Dehydrogenaion

가
MTBE 가 가
EC가
35%
MTBE 가 가
가 가
MTBE가 가
가 가

5~6 가 MTBE
1~2 가
가 가
가 가
가 가
가 ,

가 가 1~2
가
20 Global Octanes