

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
BARSTOW**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
BRADSHAW**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
BRISBANE**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
CHICO**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
COLTON**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
EUGENE (1)**

**Oxygenate Blending with Suboctane**

Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	Conventional Regular 84.0 Vol. %	Conventional Prem 92.0 Vol. %	Denatured Ethanol Vol. %			
Oxygenated Regular	90.0		10.0		Year Round	87+
Oxygenated Midgrade	63.0	27.0	10.0		End Date TBD in Dec 2009	89.2
Oxygenated Premium	26.0	64.0	10.0		End Date TBD in Dec 2009	92.2

Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	Conventional Regular 84.0 Vol. %	Conventional Prem 90.0 Vol. %	Denatured Ethanol Vol. %			
Oxygenated Regular	90.0		10.0		Year Round	87+
Oxygenated Midgrade	54.0	36.0	10.0		Date TBD in Dec 2009	89.2
Oxygenated Premium		90.0	10.0		Date TBD in Dec 2009	92+

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

(1) Not for distribution in California.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
FRESNO**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
IMPERIAL**

**Midgrade Blending**

Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	Conventional Regular 87 Vol. %		Conventional Premium 91 Vol. %			
Conventional Midgrade	50.0		50.0		Year Round	89

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
LAS VEGAS (1)**

<i>Non-Oxygenate Midgrade</i>						
Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	Conventional Regular 87 Vol. %		Conventional Premium 91 Vol. %	Denatured		
Conventional Midgrade	50.0		50.0		Year Round	89

**Oxygenate Blending**

<i>Year round ethanol blending</i>						
Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	Conventional Regular 87 Vol. %		Conventional Premium 91 Vol. %	Denatured Ethanol Vol. %		
Oxygenated Regular	90.0			10.0	Permissible year-round*	87+
Oxygenated Midgrade	80.0		10.0	10.0	Permissible year-round*	89+
Oxygenated Premium	55.0		35.0	10.0	Permissible year-round*	91.1

**Oxygenate Blending**

<i>For Distribution Within Clark County</i>						
Finished Product	Gasoline Used for Blending				Effective Dates (projected)	Blended Octane
	LVB0B Regular 84 Vol. %		LVB0B Premium 88.5 Vol. %	Denatured Ethanol Vol. %		
NVCBG Regular	90.0			10.0	Sep 22, '09 through Apr 6, 10	87
NVCBG Midgrade	45.0		45.0	10.0	Sep 22, '09 through Apr 6, 10	89
NVCBG Premium			90.0	10.0	Sep 22, '09 through Apr 6, 10	91

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

\* EPA Regulatory restrictions apply in VOC season...full octane product available for blending April 8 (apx) thru Sept 22 (apx)

<sup>1</sup> May not be distributed into California.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
MISSION VALLEY**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
ORANGE**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
PHOENIX**

**Midgrade Blending**

Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	Conventional Regular 87 Vol. %		Conventional Premium 91 Vol. %			
Conventional Midgrade	50.0		50.0		Year Round	89
CBG Midgrade						

**Oxygenate Blending (Ethanol)**

Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	AZRBOB Regular 84.0 Vol. %		AZRBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %		
CBG Regular	90.0			10.0	Oct 14 through March 31	87
CBG Midgrade	45.0		45.0	10.0	Oct 14 through March 31	89
CBG Premium			90.0	10.0	Oct 14 through March 31	91

**CBG Midgrade Blending**

Finished Product	Gasoline Used for Blending				Effective Dates	Blended Octane
	CBG Regular 87 Vol. %		CBG Premium 91 Vol. %			
CBG Midgrade	50.0		50.0		Apr 1 through Oct 15	89

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
RENO (1)**

Finished Product	Gasoline Used for Blending			Effective Dates	Blended Octane
	Conventional Regular 87 Vol. %		Conventional Premium 91 Vol. %		

**Midgrade Blending**

<i>For Distribution Within Washoe County</i>						
Conventional Midgrade	50.0		50.0		Feb 1 through Sep 15	89
<i>For Distribution Outside of Washoe County</i>						
Conventional Midgrade	50.0		50.0		Year Round	89

**Oxygenate Blending**

<i>For Distribution Within Washoe County</i>						
Oxygenated Regular	91.8			8.2	Sep 16 through Jan 31	87+
Oxygenated Midgrade	81.8		10.0	8.2	Sep 16 through Jan 31	89+
Oxygenated Premium	45.1		46.7	8.2	Sep 16 through Jan 31	91
<i>Maximum permissible blend</i>						
Oxygenated Regular	90.0			10.0	Permissible year-round*	87+
Oxygenated Midgrade	80.0		10.0	10.0	Permissible year-round*	89+
Oxygenated Premium	55.0		35.0	10.0	Permissible year-round*	91.1

Nevada (Washoe County) does not receive a 1 psi waiver for Ethanol blends less than 9.0 vol.%

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

\* EPA Regulatory restrictions apply during VOC season

<sup>1</sup> May not be distributed into California.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
SAN JOSE**

**5.7% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 85.0 Vol. %	CARBOB Premium 89.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	94.3		5.7		Thru & Including January 10, 2010	87.0
CARB Midgrade	47.1	47.2	5.7		Thru & Including January 10, 2010	89.0
CARB Premium		94.3	5.7		Thru & Including January 10, 2010	91.0

**10% Oxygenate Blending**

Finished Product	Blending Component				Effective Dates	Blended Octane
	CARBOB Regular 84.0 Vol. %	CARBOB Premium 88.5 Vol. %	Denatured Ethanol Vol. %			
CARB Regular	90.0		10.0		January 11, 2010	87.0
CARB Midgrade	45	45	10.0		January 11, 2010	89.0
CARB Premium		90	10.0		January 11, 2010	91.0

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.

**KMEP COMMUNITY GASOLINE BLENDING GUIDELINES  
TUCSON**

Conventional Gasolines						
Finished Product	Gasoline Used for Blending			Effective Dates	Blended Octane	
		Conventional Regular 84.0 Vol. %	Conventional Premium 91 Vol. %			Denatured Ethanol Vol. %
Conventional Regular		57.0	43.0		Year Round	87+
Conventional Midgrade		28.0	72.0		Year Round	89.0

**Oxygenate Blending**

<i>To Meet Pima County Wintertime 1.8% Weight Oxygenate Minimum</i>						
Finished Product	Gasoline Used for Blending			Effective Dates	Blended Octane	
		Conventional Regular 84.0 Vol. %	Conventional Premium 91 Vol. %			Denatured Ethanol Vol. %
Oxygenated Regular		76.2	18.0	5.8	Sep 16, 2008 through Mar 31, 2009	87+
Oxygenated Midgrade		47.6	46.6	5.8	Sep 16, 2008 through Mar 31, 2009	89.0
Oxygenated Premium		19.0	75.2	5.8	Sep 16, 2008 through Mar 31, 2009	91.1

*Maximum Ethanol Blend*

Finished Product	Gasoline Used for Blending			Effective Dates	Blended Octane	
		Conventional Regular 84.0 Vol. %	Conventional Premium 91 Vol. %			Denatured Ethanol Vol. %
Oxygenated Regular		90.0		10.0	Year Round*	87.0
Oxygenated Midgrade		61.0	29.0	10.0	Year Round*	89.0
Oxygenated Premium		32.0	58.0	10.0	Year Round*	91.0

\* EPA Regulatory restrictions apply during VOC season

Please note: Each customer, as the Control Area Responsible Party (CAR), is required to have an oversight program for terminal-blended products whether sequentially or splash blended to assure the finished product meets all regulatory specifications.