

Amendment 0001 to Notice of Sale No. DE-NS96-24PO10000

The Notice of Sale is amended as follows:

Attachment C, Specifications – Attachment C is deleted in its entirety and replaced with the attached revised Attachment C, Specifications.

**THE OFFER DUE DATE/TIME OF 11:00 A.M. CENTRAL TIME, MAY 28, 2024,
REMAINS UNCHANGED.**

BUCKEYE PARTNERS, L.P.
SPECIFICATIONS FOR FUNGIBLE REFORMULATED GASOLINE BLENDSTOCK (RBOB)
FOR BLENDING WITH 10% DENATURED FUEL ETHANOL AS DEFINED IN ASTM D4806
REGULAR RBOB GRADES 532, 572, 582, 542
PREMIUM RBOB GRADES 535, 575, 585, 545

(Page 1 of 2)

SPECIFICATIONS FOR RBOB GASOLINE PRIOR TO ETHANOL ADDITION

PRODUCT PROPERTY	ASTM TEST METHODS	TEST RESULTS		NOTE
		MINIMUM	MAXIMUM	
Color			Undyed	
Gravity, API @ 60°F	D4052	Report		12
Haze Rating @ 77°F (Procedure 2)	D4176		2	
Oxygen Content, weight %	D5599		0.05	2,4
Oxidation Stability, minutes	D525	240		
NACE	TM0172	B+		1,8
Sulfur, ppm	D2622		80	
Solvent washed Gum, mg/100ml	D381		4	

SPECIFICATIONS FOR RBOB WITH 10% DENATURED ETHANOL AS DEFINED IN ASTM D4806

Corrosion (Copper), 3 hrs. @ 122°F	D130		1	1,13
Corrosion (Silver Strip) 3 hrs. @ 122°F	D7671		1	1,13
Benzene, vol. %	D3606		3.8	13
Doctor Test	D4952		Negative	3,13
Or Mercaptan Sulfur, wt. %	D3227		0.002	13
Phosphorous, gms/gal	D3231		0.004	13
Octane Rating with 10% Denatured Fuel Ethanol				5,6
Regular Grades (532, 572, 582, 542)				
Research Number	D2699, D2885	Report		
Motor Number	D2700, D2885	82.0		
Index, (R+M)/2		87.0		
Premium Grades (535, 575, 585, 545)				13
Research Number	D2699, D2885	Report		
Motor Number	D2700, D2885	Report		
Index, (R+M)/2		93.0		
RVP, psi with 10% Denatured Fuel Ethanol	D5191		Refer to Table RB-1	9,11,12
Distillation	D86		Refer to Table RB-1	
TV/L 20, Deg F	D5188		Refer to Table RB-1	10
Driveability Index	D4814		Refer to Table RB-1	

Table RB-1 – RVP, TV/L and Distillation Table (all limits with 10% Ethanol)

Grade Code	Max RVP, psi w/ E10	Min TV/L = 20, °F (°C) (with E10)	Driveability Index (DI) (°F Max)	Distillation °F (°C) D86*				
				10% Evap., Deg F (Deg C) Max.	50% Evap., Deg F (Deg C) Min.	50% Evap., Deg F (Deg C) Max.	90% Evap., Deg F (Deg C) Max.	End Point, Deg F (Deg C) Max.
532/535	7.40 ^A	116 (47)	1250	158 (70)	150 (66)	250 (121)	374 (190)	430 (221)
572/575	12.5	116 (47)	1230	140 (60)	150 (66)	240 (116)	365 (185)	430 (221)
582/585	14.5 13.5 (E,I,L,P)**	107 (42)	1220	131 (55)	150 (66)	235 (113)	365 (185)	430 (221)
542/545	15.5 15.0 (E,I,L,P)**	102 (39)	1200	122 (50)	150 (66)	230 (110)	365 (185)	430 (221)

* Maximum Distillation residue is 2% Vol for all grades (D86).

** Eastern Products (E), Long Island (I), Paulsboro (P) and Laurel (L): After E10 Blending RVP limit for 13.5 months is 13.5 psi; RVP limit for 15.0 months is 15.0 psi. For all other product systems, E10 RVP limit is 14.5 psi and 15.5 psi. See RVP Calendars in Section 6.8 for RVP stepdown dates/cycles for each system.

^A Max RVP of 7.2 psi (with 10% ethanol) for batches received into Buckeye during March and April

BUCKEYE PARTNERS, L.P.
SPECIFICATIONS FOR FUNGIBLE REFORMULATED GASOLINE BLENDSTOCK (RBOB)
FOR BLENDING WITH 10% DENATURED FUEL ETHANOL AS DEFINED IN ASTM D4806
REGULAR RBOB GRADES 532, 572, 582, 542
PREMIUM RBOB GRADES 535, 575, 585, 545
(Page 2 of 2)

This RBOB may not be combined with any other RBOB except RBOB having the same requirement for oxygenate type and amount.

All parameters must be met after blending with denatured fuel ethanol unless otherwise noted.

NOTES:

1. No additives or corrosion inhibitors containing phosphorus may be used in this gasoline. Approved corrosion inhibitors, gum inhibitors and metal deactivators are listed in Table 1.
2. Before blending with denatured ethanol, this product may not contain oxygenates, such as ethers or alcohols. Refer to test methods published in 40 CFR Part 1090. The use of non-hydrocarbon blending components is prohibited. The de minimis limit of MTBE, ETBE, and TAME allowed is 0.3 vol. % maximum at origin.
3. Mercaptan Sulfur waived if fuel is negative by Doctor test.
4. Any gasoline exhibiting an offensive odor and/or poses a personal health hazard will not be accepted for shipment. Any gasoline containing more than 0.50 wt. % of dicyclopentadiene will not be accepted for shipment. The referee method will be based on a gas chromatograph test.
5. The use of Port Fuel Injector (PFI) and intake valve detergent additives is prohibited.
6. The use of MMT octane enhancing additive is prohibited.
7. Buckeye will accept test method results as listed in ASTM D4814 (most recent version). Test methods listed in this specification are considered the referee methods by Buckeye.
8. All products (except aviation grades) must meet a minimum level of corrosion protection, indicated by a minimum rating of B+ as determined by NACE Standard Test Method TM0172 (Determining Corrosive Properties of Cargoes in Petroleum Product Pipelines).
9. Not all Grade Codes (and RVPs) are available on all pipeline systems.
10. Computer and Linear methods may be used to determine TV/L value. D5188 will be the referee method.
11. Beginning Sept 16 (Non-VOC season), low RVP grades may be comingled with corresponding next higher RVP grade. Buckeye reserves the right to regrade to higher RVP during seasonal RVP limit increases, provided destination RVP compliance is maintained at time of delivery.
12. This gasoline is for blending with between 9 and 10 vol % ethanol. The use of this gasoline to manufacture a gasoline-ethanol blend containing anything other than between 9 and 10 volume percent ethanol may cause a summertime RVP violation. Base gasoline - Not for sale to the ultimate consumer. Non-additized detergent gasoline.
13. Results may be reported "neat" (prior to blending with 10% ethanol), or with 10% ethanol. Same limit applies to either.
14. Heavy Metals, including lead, are not allowed to be present.

BUCKEYE PARTNERS, L.P.
SPECIFICATIONS FOR FUNGIBLE CONVENTIONAL GASOLINE BLENDSTOCK
REGULAR CBOB GRADES 308, 318, 328, 338, 358, 378
PREMIUM CBOB GRADES 307, 317, 327, 337, 357, 377
 (Page 1 of 3)

SPECIFICATIONS FOR CBOB GASOLINE PRIOR TO ETHANOL ADDITION

PRODUCT PROPERTY	ASTM TEST METHODS	TEST RESULTS		NOTE
		MINIMUM	MAXIMUM	
Color			Undyed	
Gravity, API @ 60°F	D4052	Report		
Haze Rating @ 77°F (Procedure 2)	D4176		2	
Oxygen Content, weight %	D5599		0.05	2,4
Oxidation Stability, minutes	D525	240		
NACE	TM0172	B+		1,8
RVP, psi (without ethanol)	D5191		See Table CB-1	9,11,12
Sulfur, ppm	D2622		80	14
Corrosion (Copper), 3 hrs. @ 122°F	D130		1	1,14
Corrosion (Silver Strip) 3 hrs. @ 122°F	D7671		1	1,14
Benzene, vol. %	D3606		3.8	14
Doctor Test	D4952		Negative	3,14
Or Mercaptan Sulfur, wt. %	D3227		0.002	14
Phosphorous, gms/gal	D3231		0.004	14
Solvent washed Gum, mg/100ml	D381		4	

Octane Rating for 90 Octane Grades (Neat)
 (307, 317, 327, 337, 357, 377)

Research Number	D2699, D2885	Report
Motor Number	D2700, D2885	Report
Index, (R+M)/2		90.0

Premium CBOB Grades specification limit before blending with denatured fuel ethanol also include: R+M/2 Octane rating minimum = 90.0; Distillation T50 minimum = 170°F; TV/L minimum as follows: Grades 337/327/307/377= 124°F, Grade 357 = 116°F, and Grade 317 = 105°F.

RVP SPECIFICATIONS FOR CBOB GASOLINE (BEFORE & AFTER 10% ETHANOL)

Table CB-1 - RVP Maximum Table

Grade Code	BEFORE BLENDING WITH 10% ETHANOL Max RVP, psi (without ethanol)	AFTER BLENDING WITH 10% ETHANOL Max RVP, psi (with 10% ethanol)
337, 338	7.00	8.00
327, 328	7.80 ^B	9.00 ^D
307, 308	9.00 ^A	10.00 ^C
377, 378	11.5	12.5
357, 358	13.5	14.5
	12.9 (East, Laurel, Paulsboro, LI)*	13.5 (East, Laurel, Paulsboro, LI)**
317, 318	15.0	15.5
	14.5 (East, Laurel, Paulsboro, LI)*	15.0 (East, Laurel, Paulsboro, LI)**

* Eastern Products (E), Paulsboro (P), Long Island (I) and Laurel (L): Before E10 Blending (Neat) RVP limit for 13.5 months is 12.9 psi; RVP limit for 15 psi months is 14.5 psi. For all other product systems, Neat RVP limit is 13.5 psi and 15.0 psi. See T4 Scheduling Calendar for RVP stepdown dates/cycles for each system.

** Eastern Products (E), Paulsboro (P), Long Island (I) and Laurel (L): After E10 Blending RVP limit for 13.5 months is 13.5 psi; RVP limit for 15.0 months is 15.0 psi. For all other product systems, E10 RVP limit is 14.5 psi and 15.5 psi. See RVP Calendars in Section 6.8 for RVP stepdown dates/cycles for each system.

^A Max RVP of 8.8 psi (without ethanol) for batches receipted into Buckeye during March and April

^B Max RVP of 7.6 psi (without ethanol) for batches receipted into Buckeye during March and April

^C Max RVP of 9.8 psi (with 10% ethanol) for batches receipted into Buckeye during March and April

^D Max RVP of 8.8 psi (with 10% ethanol) for batches receipted into Buckeye during March and April

BUCKEYE PARTNERS, L.P.
SPECIFICATIONS FOR FUNGIBLE CONVENTIONAL GASOLINE BLENDSTOCK
REGULAR CBOB GRADES 308, 318, 328, 338, 358, 378
PREMIUM CBOB GRADES 307, 317, 327, 337, 357, 377
 (Page 2 of 3)

SPECIFICATIONS WITH 10% DENATURED ETHANOL AS DEFINED IN ASTM D4806

PRODUCT PROPERTY	ASTM TEST METHODS	TEST RESULTS		NOTE
		MINIMUM	MAXIMUM	
Octane Rating with 10% Denatured Fuel Ethanol				5,6
Regular Grades (308, 318, 328, 338, 358, 378)				
Research Number	D2699, D2885	Report		
Motor Number	D2700, D2885	82.0		
Index, (R+M)/2		87.0		
Premium Grades (307, 317, 327, 337, 357, 377)				13
Research Number	D2699, D2885	Report		
Motor Number	D2700, D2885	Report		
Index, (R+M)/2		93.0		
RVP, psi with 10% Denatured Fuel Ethanol	D5191		Refer to Table CB-1	9,11,12
Distillation**	D86		Refer to Table CB-2	
TV/L 20, Deg F **	D5188		Refer to Table CB-2	10
Driveability Index	D4814		Refer to Table CB-2	

Table CB-2 - TV/L and Distillation Table (all limits with 10% Ethanol)

Grade Code	Min TV/L = 20, °F (°C)	Driveability Index (°F Max)	Distillation °F (°C) D86					
			10% Evap, Deg F (Deg C) Max.	50% Evap., Deg F (Deg C) Min. ⁽¹⁾	50% Evap, Deg F (Deg C) Max.	90% Evap, Deg F (Deg C) Max.	End Point, Deg F (Deg C) Max.	Distillate Residue, Vol % Max.
338/337	116 (47)**	1250	158 (70)	150 (66)**	250 (121)	374 (190)	430 (221)	2
328/327	116 (47)	1250	158 (70)	150 (66)	250 (121)	374 (190)	430 (221)	2
308/307	116 (47)	1250	158 (70)	150 (66)	250 (121)	374 (190)	430 (221)	2
378/377	116 (47)	1230	140 (60)	150 (66)	240 (116)	365 (185)	430 (221)	2
358/357	107 (42)	1220	131 (55)	150 (66)	235 (113)	365 (185)	430 (221)	2
318/317	102 (39)	1200	122 (50)	150 (66)	230 (110)	365 (185)	430 (221)	2

**For Grades 337 and 338, noted E10 limits may be waived if following Neat results are achieved: Distillation T50 minimum = 170°F; TV/L minimum = 124°F.

BUCKEYE PARTNERS, L.P.
SPECIFICATIONS FOR FUNGIBLE CONVENTIONAL GASOLINE BLENDSTOCK
REGULAR CBOB GRADES 308, 318, 328, 338, 358, 378
PREMIUM CBOB GRADES 307, 317, 327, 337, 357, 377

(Page 3 of 3)

NOTES:

1. No additives or corrosion inhibitors containing phosphorus may be used in this gasoline. Approved corrosion inhibitors, gum inhibitors and metal deactivators are listed in Table 1.
2. This product may not contain oxygenates, such as ethers or alcohols. The use of non-hydrocarbon blending components is prohibited. The maximum limit of MTBE, ETBE, and TAME allowed is 0.3 vol. % maximum at origin.
3. Mercaptan Sulfur waived if fuel is negative by Doctor test.
4. Any gasoline exhibiting an offensive odor and/ or poses a personal health hazard will not be accepted for shipment. Any gasoline containing more than 0.50 wt. % of dicyclopentadiene will not be accepted for shipment. The referee method will be based on a gas chromatograph test.
5. The use of Port Fuel Injector (PFI) and intake valve detergent additives is prohibited.
6. The use of MMT octane enhancing additive is prohibited.
7. Buckeye will accept test method results as listed in ASTM D4814 (most recent version). Test methods listed in this specification are considered the referee methods by Buckeye.
8. All products (except aviation grades) must meet a minimum level of corrosion protection, indicated by a minimum rating of B+ as determined by NACE Standard Test Method TM0172 (Determining Corrosive Properties of Cargoes in Petroleum Product Pipelines).
9. Not all Grade Codes (and RVPs) are available on all pipeline systems.
10. Computer and Linear methods may be used to determine TV/L value. D5188 will be the referee method.
11. Beginning Sept 16 (Non-VOC season), low RVP grades may be commingled with corresponding next higher RVP grade. Buckeye reserves the right to regrade to higher RVP during seasonal RVP limit increases, provided destination RVP compliance is maintained at time of delivery.
12. This gasoline is for blending with between 9 and 10 vol % ethanol. The use of this gasoline to manufacture a gasoline-ethanol blend containing anything other than between 9 and 10 volume percent ethanol may cause a summertime RVP violation. Base gasoline - Not for sale to the ultimate consumer. Non-additized detergent gasoline.
13. When blended with 10% denatured ethanol, grades 307, 317, 327, 337, 357 and 377 are 93 Octane. These grades are 90 Octane minimum without 10% denatured ethanol and may not be considered premium in all areas as such.
14. Results may be reported "neat" (prior to blending with 10% ethanol), or with 10% ethanol. Same limit applies to either.
15. Heavy Metals, including lead, are not allowed to be present.