

Report Date: 01/01/03

**Average Specific Gravities 60/60°F  
and Pounds/Gallon at 60°F  
for Approved Asphalt Cements per Materials Division Policy for Acceptance**

Refinery	Units	PG 64-22 0K	PG 70-28 0K	PG 76-28 0K	AC-15-5TR
Diamond-Shamrock Sunray, Texas	Spec. Grav. Lbs/Gal.	1.0011 8.3374			
Frontier Muskogee, Oklahoma	Spec. Grav. Lbs/Gal.	1.0193 8.4895	1.0103 8.4140	1.0166 8.4667	
Koch Muskogee, Oklahoma	Spec. Grav. Lbs/Gal.	1.0265 8.5496	1.0220 8.5117	1.0241 8.5291	
Lion Muskogee, Oklahoma	Spec. Grav. Lbs/Gal.	1.0252 8.5383			
Royal-Trading Tulsa, Oklahoma	Spec. Grav. Lbs/Gal.	1.0166 8.4668	1.0173 8.4725	1.0225 8.5158	1.0199 8.4938
Sinclair Tulsa, Oklahoma	Spec. Grav. Lbs/Gal.	1.0156 8.4580	1.0288 8.5684		
Total Ardmore, Oklahoma	Spec. Grav. Lbs/Gal.	1.0156 8.4587	1.0097 8.4093	1.0021 8.3457	
Total Arkansas City, Kansas	Spec. Grav. Lbs/Gal.	1.0003 8.3308			
Total Catoosa, Oklahoma (Port 33)	Spec. Grav. Lbs/Gal.	1.0284 8.5646			
Total (shipped from Trumbull) Oklahoma City, Oklahoma	Spec. Grav. Lbs/Gal.	1.0204 8.4984			
Wright (shipped from Trumbull) Oklahoma City, Oklahoma	Spec. Grav. Lbs/Gal.				1.0077 8.3925
Wynnewood Refinery Wynnewood, Oklahoma	Spec. Grav. Lbs/Gal.	1.0109 8.4188	1.0071 <sup>1</sup> 8.3874		

Average Specific Gravity to be used on all ODOT projects  
from January 1, 2003, thru December 31, 2003.

Marcella Donovan  
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Materials Engineer

<sup>1</sup>Approved 7/7/03, also known as Gary Williams Energy