

Report Date: 03/11/02

**Average Specific Gravities 60/60 Degrees F  
And Pound/Gallons at 60 Degrees F,  
Received of Asphalt Cement (AC), By Materials Division**

Refinery	Units	PG 64-22	PG 64-220K	PG 64-28	PG 70-22	PG 70-280K	PG 70-28	PG 76-22	PG 76-280K	AC-15.STR
Diamond-Shamrock Sunray, Texas	Spec. Grav Lbs/Gal.		1.0014 8.6302							
Frontier Muskogee, Oklahoma	Spec. Grav Lbs/Gal.		1.0261 8.5493			*1.0073 *8.3891				
Koch Muskogee, Oklahoma	Spec. Grav Lbs/Gal.		1.0372 8.6385	1.0231 8.5209	1.0292 8.5718	1.0251 8.5375	1.0297 8.5759	1.0302 8.5801	1.0295 8.5743	
Koch Saginaw, Texas	Spec. Grav Lbs/Gal.	1.0362 8.6302				1.0319 8.5943			1.0243 8.5309	
Lion Muskogee, Oklahoma	Spec. Grav Lbs/Gal.		1.0295 8.5743							
Royal-Trading Tulsa, Oklahoma	Spec. Grav Lbs/Gal.	1.0100 8.4117	1.0189 8.4859	1.0162 8.4634	1.0178 8.4766	1.0188 8.4750	1.0213 8.5226	1.0256 8.5416	1.0160 8.4617	
Sinclair Tulsa, Oklahoma	Spec. Grav Lbs/Gal.		1.0145 8.4492							
Total Ardmore, Oklahoma	Spec. Grav Lbs/Gal.	1.0147 8.4508	1.0193 8.4892	Spec. Grav	1.0136 8.4416	1.0210 8.5034				
Trumbull Oklahoma City, Oklahoma	Spec. Grav Lbs/Gal.		1.0160 8.4617							1.0057 8.3758
Wynnewood Refinery Wynnewood, Oklahoma	Spec. Grav Lbs/Gal.		1.0128 8.4349							

Average Specific Gravity to be used on all ODOT projects  
from January 1, 2002, thru December 31, 2002.

\*Revised 3/11/02

\*Marcella Donovan  
Liquid Asphalt

Reynolds Toney, P.E.  
Materials Engineer