

REPORT DATE:6/21/2004

**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
Frontier CIC Muskogee, Oklahoma	Spec. Grav. Lbs/Gal.	1.0187 8.4245	1.0103 8.4140	1.0166 8.4667
Frontier Terminal & Trading Muskogee, Oklahoma	Spec. Grav. Lbs/Gal.	1.0188 8.4750		
Gary Williams Energy Corp. Wynnewood, Oklahoma	Spec. Grav. Lbs/Gal.	1.0138 8.4433	1.0022 8.3466	
Koch Muskogee, Oklahoma	Spec. Grav. Lbs/Gal.		1.0287 8.5475	1.0283 8.5642
Koch Saginaw, Texas	Spec. Grav. Lbs/Gal.	1.0316 8.5918	1.0327 8.6009	1.0352 8.6218
Lion Muskogee, Oklahoma	Spec. Grav. Lbs/Gal.	1.0328 8.6017		
Royal-Trading Tulsa, Oklahoma	Spec. Grav. Lbs/Gal.	1.0206 8.5000	1.0166 8.4667	1.0223 8.5142
Sinclair Tulsa, Oklahoma	Spec. Grav. Lbs/Gal.	1.0217 8.5092		
Valero Ardmore, Oklahoma	Spec. Grav. Lbs/Gal.	1.0233 8.5223	1.0162 8.4634	1.0021 8.3457
Valero McKee (Sunray), Texas	Spec. Grav. Lbs/Gal.	0.9991 8.3207		
Valero (shipped from Trumbull) Oklahoma City, Oklahoma	Spec. Grav. Lbs/Gal.	1.0238 8.5267		

Average Specific Gravity to be used on all ODOT projects  
from January 1, 2004, thru December 31, 2004.  
\* Revised 3/15/04 - added Koch @ Saginaw PG 64-22, PG 70-28, PG 76-28  
\*\*Revised 6/21/2004 - added Frontier CIC PG64-22ok

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