

Report Date: 01/01/02

**Average Specific Gravities 60/60 Degrees F
And Pound/Gallons at 60 Degrees F, And Residual of Emulsion
Received By Materials Division**

Refinery	Units	CMS-1	CRS-2	CRS-2S	CSS-1	HFE-300	MS-2	NoveBond	PMCSS-1H	SS-1
Coastal ElDorado, Kansas	Spec. Grav Lbs/Gal. % Residual	1.0307 8.5842 71.0	1.0158 8.4599 67.3							
Coastal, Energy Miller, Missouri	Spec. Grav Lbs/Gal. % Residual		1.0129 8.4358 71.1	1.0046 8.3665 66.8						
Easy Ride Yukon, Oklahoma	Spec. Grav Lbs/Gal. % Residual									1.0030 8.3533 67.3
Koch Ardmore, Oklahoma	Spec. Grav Lbs/Gal. % Residual	1.0136 8.4416 66.5	1.0083 8.3975 68.8	1.0173 8.4725 71.4						1.0102 8.4134 61.7
Koch Catoosa, Oklahoma	Spec. Grav Lbs/Gal. % Residual		1.0050 8.3700 67.8	1.0114 8.4233 66.3				1.0246 8.5333 64.0		1.0129 8.4358 61.0
Koch Dodge City, Kansas	Spec. Grav Lbs/Gal. % Residual		1.0032 8.3550 67.5		0.9979 8.3108 64.1		1.0125 8.4325 72.0			1.0090 8.4033 62.2
Koch Garland, Texas	Spec. Grav Lbs/Gal. % Residual							1.0035 8.3575 68.0		
Koch Lawton, Oklahoma	Spec. Grav Lbs/Gal. % Residual		1.0105 8.4159 67.9	1.0170 8.4700 72.2		1.0236 8.5250 66.4	1.0130 8.4367 68.4			1.0121 8.4291 62.7

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

Glen Oliver
Liquid Asphalt

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