

Report Date: 08/15/03

**Average Specific Gravities 60/60°F,
Pounds/Gallon at 60°F and Percent Residual
for Approved Emulsions per Materials Division Policy for Acceptance**

Refinery	Units	CRS-2	PMCRS-2S¹	CSS-1	PMCSS-1H²	MS-2	NovaBond	PMCSS-1H	SS-1
Coastal, Energy Miller, Missouri	Spec. Grav. Lbs/Gal. % Residual		1.0144 8.4479 71.7						
Easy Ride Yukon, Oklahoma	Spec. Grav Lbs/Gal. % Residual								1.0004 8.3316 66.6
Koch Ardmore, Oklahoma	Spec. Grav Lbs/Gal. % Residual	1.0131 8.4377 67.9	1.0165 8.4659 71.4						1.0202 8.4967 62.0
Koch Catoosa, Oklahoma	Spec. Grav Lbs/Gal. % Residual	1.0114 8.4233 65.8	1.0115 8.4237 68.9		1.0180 8.4784 64.9		1.0147 8.4508 65.2		1.0115 8.4237 60.2
Koch Dodge City, Kansas	Spec. Grav Lbs/Gal. % Residual	1.0057 8.3760 65.9	1.0088 8.4014 67.8			1.0150 8.4533 68.2			1.0041 8.3622 60.9
Koch Lawton, Oklahoma	Spec. Grav Lbs/Gal. % Residual		1.0124 8.4314 69.9						1.0109 8.4195 64.5
Vance Brothers Kansas City, Kansas	Spec. Grav Lbs/Gal. % Residual							1.0004 8.3312 66.8	

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Refinery	Units	CSS-2H	Road Armor						
Koch ³ Catoosa, Oklahoma	Spec. Grav. Lbs/Gal. % Residual	1.0458 8.710 66.4							
Koch ³ Brownwood, Texas	Spec. Grav Lbs/Gal. % Residual		1.0209 8.503 70.3						

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

Marcella Donovan
Liquid Asphalt

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1. See Table 3C in 1999 Standard Specifications. CRS-2S should be shown as PMCRS-2S.
2. CSS-1HLM meets PMCSS-1H specifications and should be shown as PMCSS-1H.
3. CSS-2H and Road Armor approved 8/15/03.