

REPORT DATE: 1/7/04

**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-2S ¹	CSS-2H	PMCSS-1H ²	MS-2	NovaBond	SS-1
Koch Ardmore, Oklahoma	Spec. Grav Lbs/Gal. % Residual	1.0209 8.5026 68.7	1.0114 8.4233 71.4					1.0108 8.4183 61.8
Koch Catoosa, Oklahoma	Spec. Grav Lbs/Gal. % Residual	1.0136 8.4417 68.0	1.0150 8.4533 68.2	1.0450 8.7035 66.3	1.0310 8.5868 65.5			1.0165 8.4659 61.2
Koch Dodge City, Kansas	Spec. Grav Lbs/Gal. % Residual	1.0136 8.4417 65.5	1.0195 8.4919 72.3			1.0150 8.4533 68.4		1.0129 8.4359 59.1
Koch Lawton, Oklahoma	Spec. Grav Lbs/Gal. % Residual	1.0105 8.4156 65.6	1.0118 8.4266 69.2					1.0129 8.4358 62.4
Koch Saginaw, Texas	Spec. Grav Lbs/Gal. % Residual						1.0149 8.4525 70.3	
Koch Salina, Kansas	Spec. Grav Lbs/Gal. % Residual		1.0314 8.5901 65.3					
Vance Brothers Kansas City, Kansas	Spec. Grav Lbs/Gal. % Residual		1.0118 8.4266 72.3					1.0004 8.3317 66.8

Average Specific Gravity to be used on all ODOT projects
from January 1, 2004, thru December 31, 2004.

Marcella Donovan
Liquid Asphalt

Reynolds Toney, P.E.
Materials Engineer

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.