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CRF \otimes Crackfiller / Restorative Seal Specification Sheet

PRODUCT SPECIFICATIONS:

Test on Emulsion	Test Method	Requirements	
Viscosity @ 25°C, SFS	ASTM D-244	25-150	
Sieve Test, % w	ASTM D-244 (Mod) ¹	0.1 max.	
Particle Charge Test	ASTM D-244	Positive	
Cement Mixing Test, % w	ASTM D-244	2.0 max.	
Pumping Stability	2	Pass	
5-day Settlement Test, % w	ASTM D-244	5.0 max.	
Residue, % w	ASTM D-244 (Mod) ³	64 min.	

Test on Residue from Distillation	Test Method	Requirements
Viscosity @ 60°C, cSt Maltene Distribution Ratio	ASTM D-2170	1,000-4,000
$\frac{PC + A_1^4}{S + A_2}$	ASTM D-2006-70	0.7-1.1
PC/S Ratio Asphaltenes, %w	ASTM D-2006-70 ASTM D-2006-70	0.5 min. 11.0 max.

¹Test procedure identical with ASTM D-244 except that distilled water shall be used in place of two percent sodium oleate solution.

Product shall be freeze stabilized and if freezing has occurred a homogeneous mixture shall be obtained when the material has thawed and been thoroughly mixed.

²Pumping stability is determined by charging 450 ml of emulsion into one-liter beaker and circulating the emulsion through a gear pump (Roper 29.B22621) having ¼" inlet and outlet. The emulsion passes if there is no significant oil separation after circulating ten minutes.

³ASTM D-244 Evaporation Test for percent of residue is modified by heating 50 gram sample to 149°C (300°F) until foaming ceases, then cooling immediately and calculating results.

⁴In the Maltene Distribution Ration Test by ASTM Method D2006-70: