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(54) Title: MARINE FUEL COMPOSITIONS

			FO 3	75% FO 3 + 25% D 1	75% FO 3 + 5% FAME 1 + 20% D 1	75% FO 3 + 8% FAME 1 + 17% D 1	75% FO 3 + 10% FAME 1 + 15% D 1	50% FO 3 + 50% D 1	50% FO 3 + 20% FAME 1 + 30% D 1	50% FO 3 + 30% FAME 1 + 20% D 1
Test	Method	Unit								
Density @ 15°C	D4052	g/cm ³	0.963	0.941	0.941	0.941	0.942	0.919	0.920	0.921
Kinematic Viscosity (KV) @ 50°C	D445	mm ² /s	217.3	79.50	72.15	68.13	65.60	34.77	25.47	21.99
CCAI	Calc.	-	830	821	822	823	824	811	816	821
BMCI	Calc.	-	64.1	56.3	56.6	56.8	56.9	48.5	49.7	50.3
Toluene Equivalen ce (TE)	AM-S 79-004	-	43	43	43	43	43	43	43	43
BMCI - TE	-	-	21.1	13.3	13.6	13.8	13.9	5.5	6.7	7.3
Oil Compat- ibility Test	AM-S 1999- 011									
Solubility blending number (S _{BN})		-	61	53.25	56.2	58.0	59.2	45.5	57.3	63.2
Incompa tibility number (In)		-	38	38	38	38	38	38	38	38
SBN - In		-	23	15.3	18.2	20.0	21.2	7.5	19.3	25.2

FIG. 4

(57) Abstract: Fuel or fuel blending compositions corresponding to blends of a resid-containing fraction one or more fatty acid alkyl esters are provided, along with methods for forming such a fuel or fuel blending composition are also provided. Optionally, the fuel or fuel blending composition can further include a secondary flux. The secondary flux can correspond to additional renewable flux or conventional distillate flux. Optionally, the amount of renewable flux can correspond to 25 vol% or more of the fuel or fuel blending composition. Optionally, the resulting fuel or fuel blending composition can have a BMCI - TE difference value of 15 or less.

[Continued on next page]

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