

FIG. 1

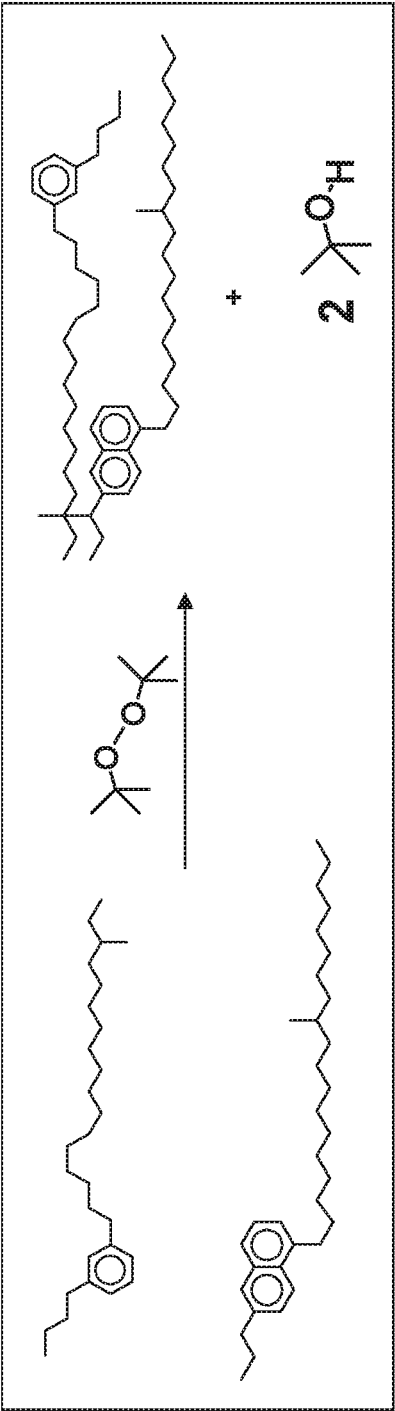


FIG. 2

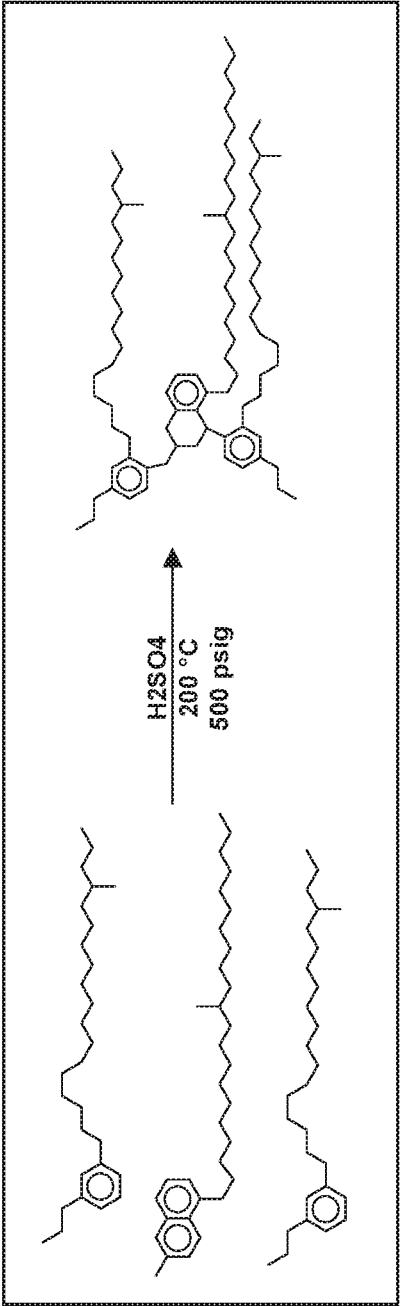


FIG. 3

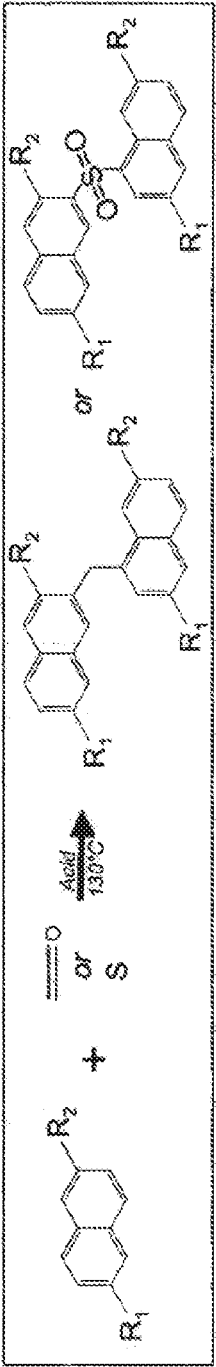


FIG. 4

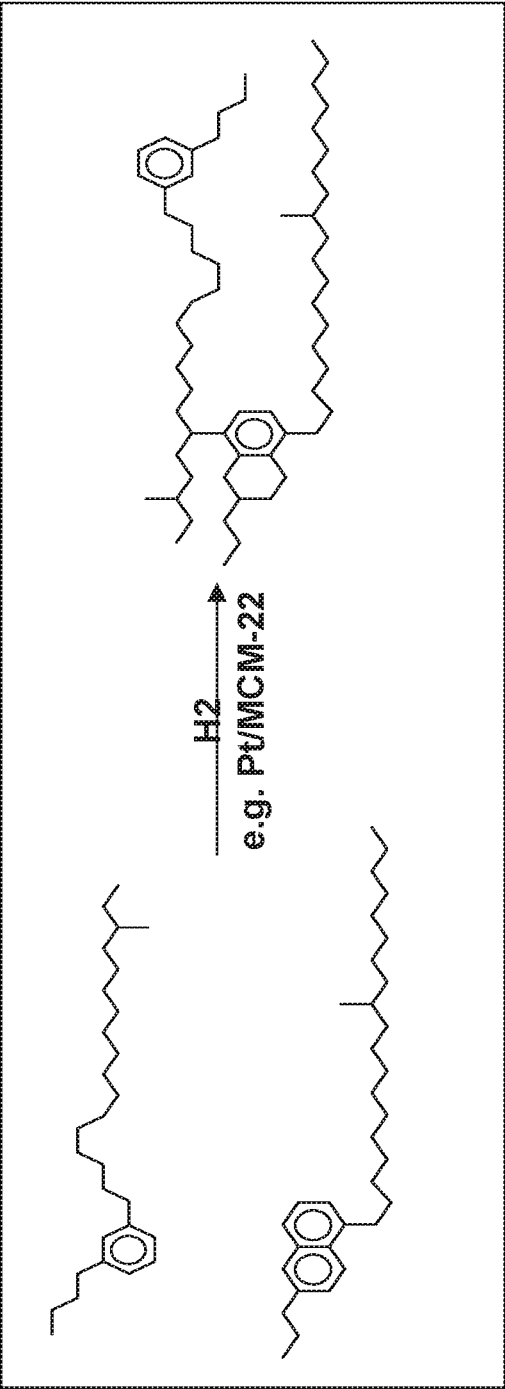


FIG. 5

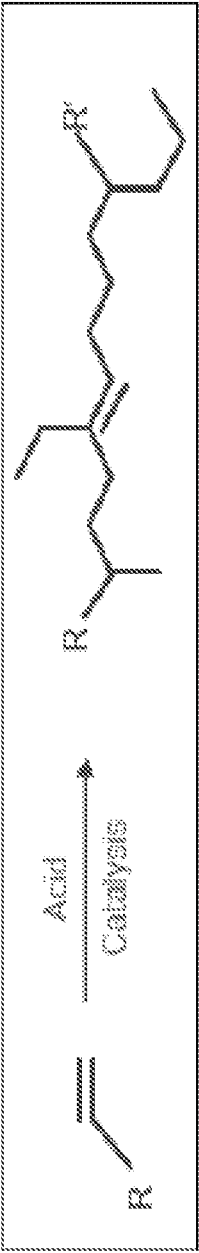


FIG. 6

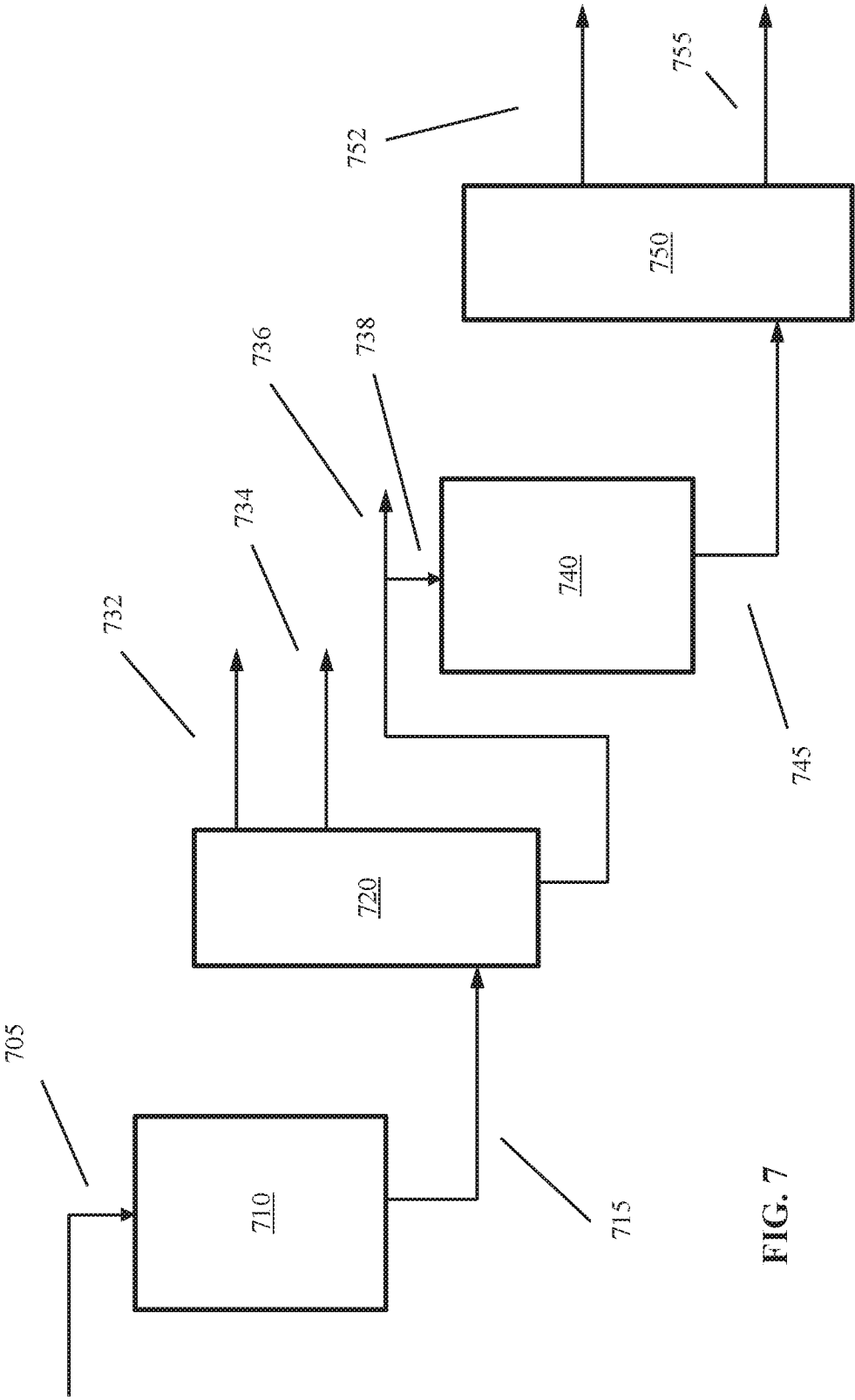


FIG. 7

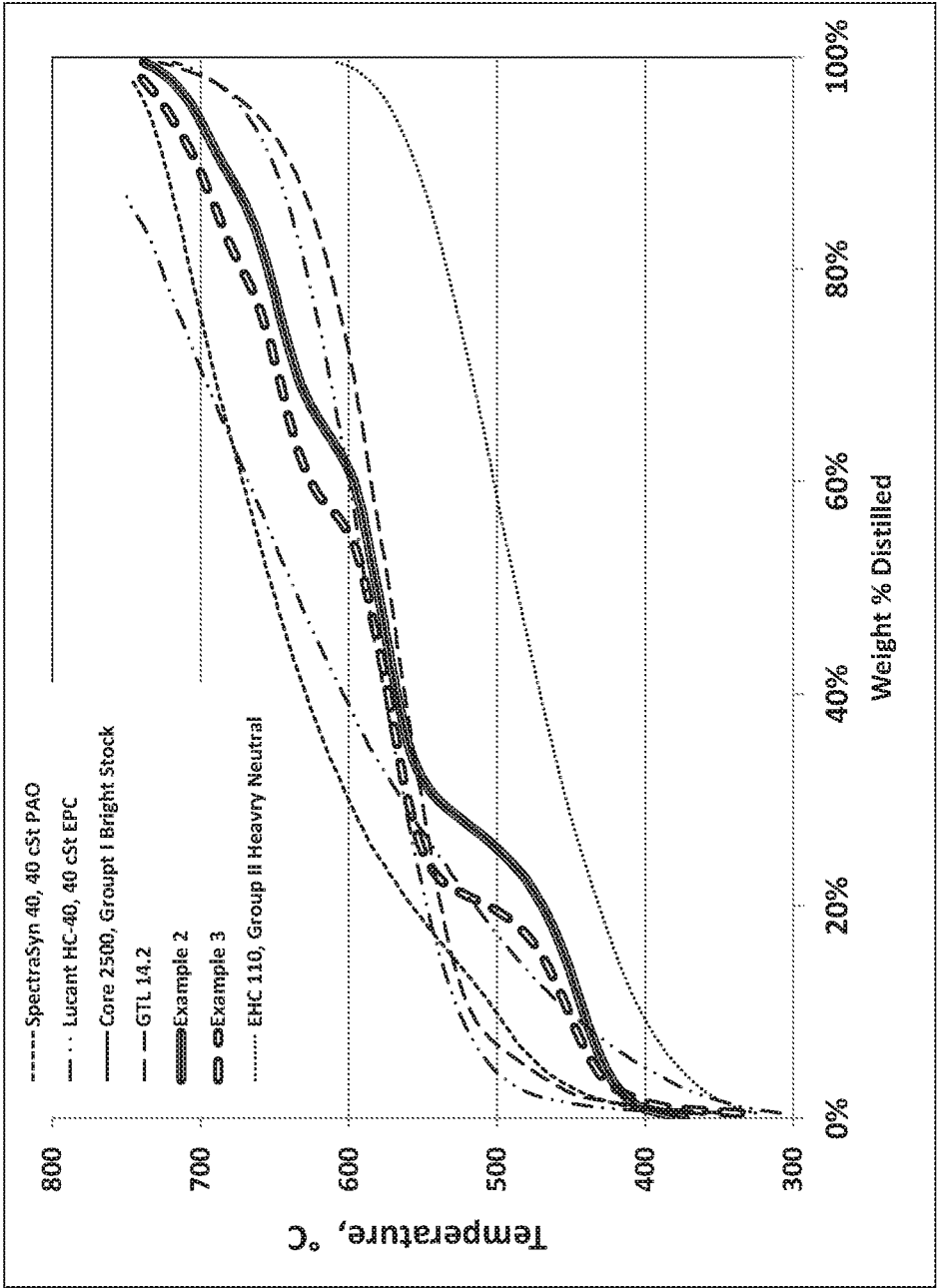


FIG. 8

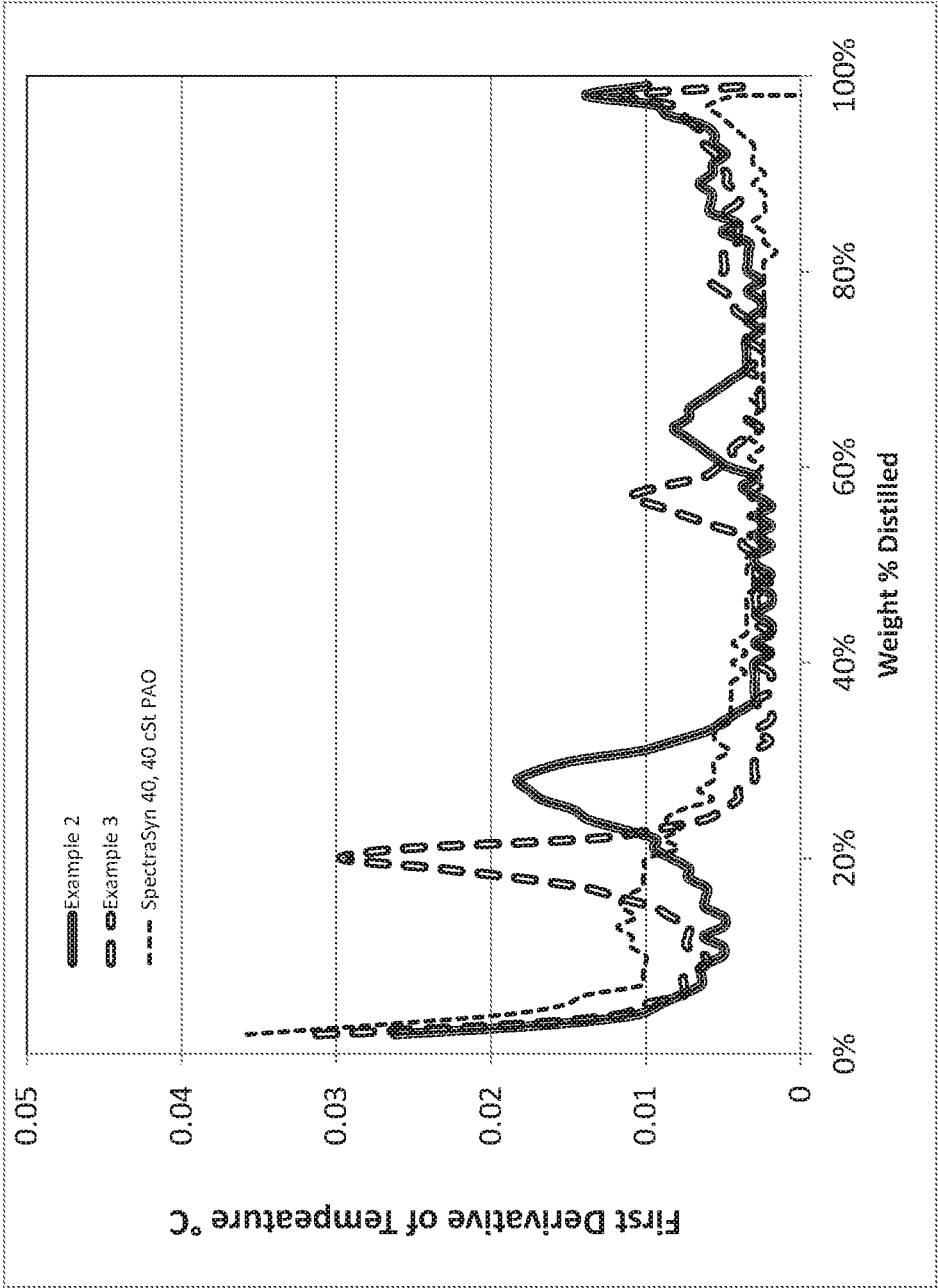


FIG. 9

Description		FT 14	CORE 2500 Group I Bright Stock	Ex. 1	Ex. 2	Ex. 3	Eth- Prop Random Co-Olig	SpectraSyn 40 40 cSt PAO
Derived from		NA	NA	EHC 45	Visom 4	FT 3.6	NA	NA
Amount of Peroxide Added/Add Time		NA	NA	100%/4 hrs	30%/2 hrs	30%/4 hrs	NA	NA
Hydrofinished		NA	NA	No	Yes	Yes	NA	NA
Viscosity @ 100°C, cSt	Kinematic Viscosity	14.3	31.6	477.6	27.4	24.3	39.8	39.2
Viscosity @ 40°C, cSt	Kinematic Viscosity	95.0	476	19883	263.9	225.6	400.0	396.2
Viscosity Index		155	97	148	137	135	149	147
Density@15.6°C, g/cc		0.8342	0.9019	0.8995	0.8516	0.8448	0.8373	0.8483
Sulfur, %	ASTM D2622-1	<0.0003 %	1.15%	ND	<0.0005 %	ND	ND	ND
Aniline Point, °C	ASTM D611	145.3	120.0	166.2	151.8	152.5	150	162.3
Glass Transition Temperature Tg, °C	Differential Scanning Calorimetry (DSC)	-71.1	-58.8	ND	-78.5	-82.0	-75.0	-72.2
Crystallization Temperature Tc, °C	DSC	-35.4	-6.25	ND	ND	ND	ND	ND
Quantitative Carbon-13 NMR								
% Epsilon Carbon	@ 29 - 31 ppm	33.0%	27.3%	22.1%	27.8%	25.9%	16.9%	38.7%
% Aromatic Carbon	@ 117 - 150 ppm	0.0%	5.1%	ND	0.0%	0.0%	0.0%	0.0%

** ND = None Detected

FIG. 10

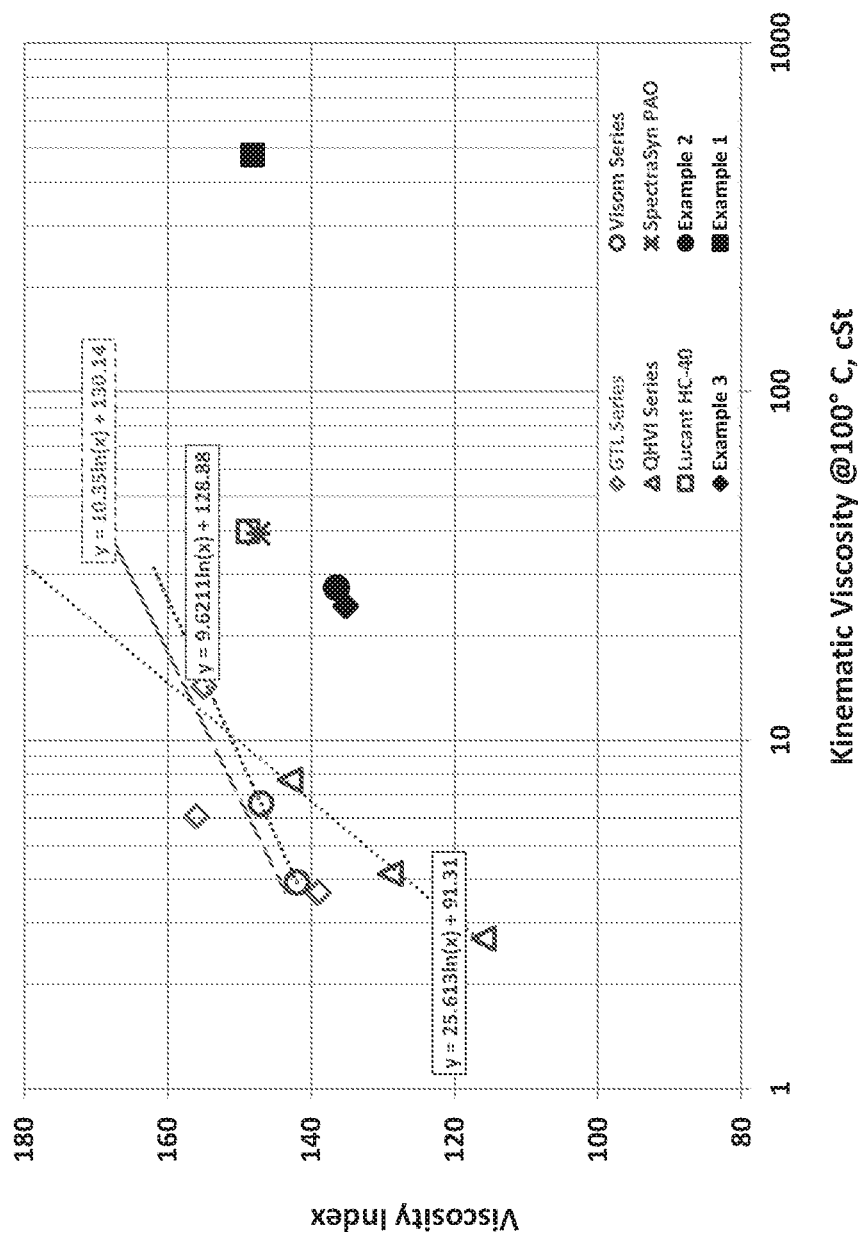


FIG. 11

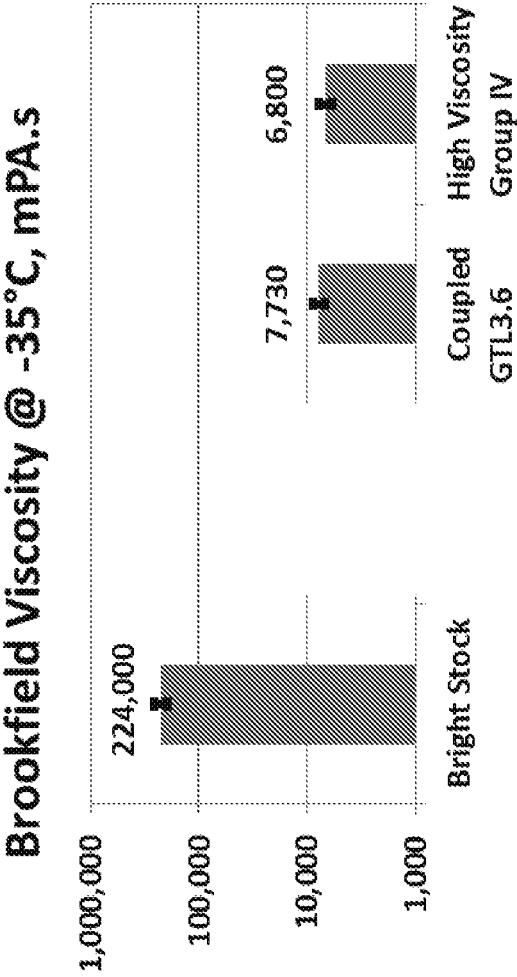


FIG. 12

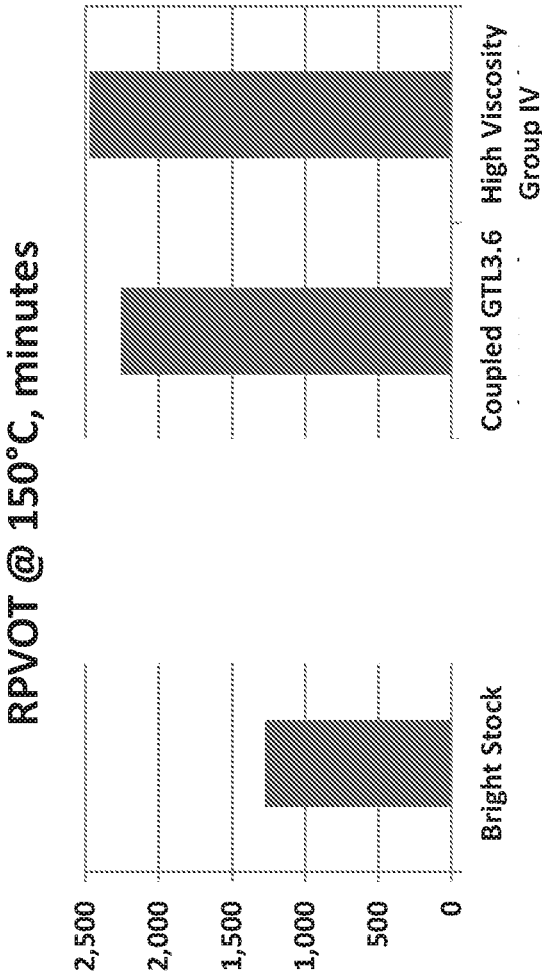


FIG. 13