

Group II/II+ Typical Properties

Property	ASTM Methods*	60R	100R	150R	220R	600R
Appearance@22.2°C-25.5°C	SM 360-99 BO	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
Color	ASTM D1500	L0.5	L0.5	L0.5	L0.5	L0.5
API Gravity, deg.	ASTM D4052	32.9	36.5	34.0	32.1	31.0
Density, lb/gal	ASTM D4052	7.185	7.027	7.135	7.219	7.269
Density, kg/l	ASTM D4052	0.861	0.842	0.855	0.865	0.871
Specific Gravity @ 60°F/60°F	ASTM D4052	0.861	0.842	0.855	0.865	0.871
Viscosity @ 40°C, cSt	ASTM D445	10.6	21.3	28.4	41.7	105
Viscosity @ 100°C, cSt	ASTM D445	2.67	4.40	5.17	6.4	12.0
Viscosity Index	ASTM D2270	80	117	112	102	104
CCS @ -20°C, cP	ASTM D5293	N/A	N/A	1300	3200	N/A
CCS @ -25°C, cP	ASTM D5293	N/A	1200	2660	N/A	N/A
CCS @ -30°C, cP	ASTM D5293	N/A	N/A	5070	N/A	N/A
Pour Point, °C	ASTM D5950/1C	-33	-15	-15	-15	-15
Flash Point, COC, °C	ASTM D92	165	220	220	230	270
Evaporative loss, Noack wt%	ASTM D5800(B)	N/A	16	14	9	N/A
Water, ppm	ASTM D6304	<50	<50	<50	<50	<50
Sulfur, ppm	ASTM D5453	<6	<6	<6	<6	<6
Saturates, HPLC wt.%	Chevron	>99	>99	>99	>99	>99
Aromatics, HPLC wt.%	Chevron	<1	<1	<1	<1	<1
Availability		60R	100R	150R	220R	600R

With quality this good,
you can reduce, or
totally eliminate, Group III
in many formulations.
Let us show you how.

US West Coast			X		X	X
US Gulf Coast		X	X		X	X
Latin America		X	X		X	X
Europe		X	X		X	X
Asia Pacific			X	X	X	X
Africa		X	X		X	X

let's talk about your business

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