



B100 Minimum Specifications

Test	ASTM 6751-11a	CountryMark Limit	
Cloud Point	Report Value	28°-36°F (Winter Only)	Exceeds ASTM Limits
Free Glycerin	0.020%mass, max	0.014%mass, max	
Total Glycerin	0.24%mass, max	0.160%mass, max	
Free Water & Sediment	0.05 %vol, max	0.020 %vol, max	
Acid Number	0.50 mg KOH/g, max	0.40 mg KOH/g, max	
Kinematic Viscosity @ 40°C	1.9 - 6.0 mm ² /sec	3.8 - 5.0 mm ² /sec	
Copper Strip Corrosion	No. 3 max	No. 1 max	
Na and K, combined	5 ppm, max	1.5 ppm, max	
Cold Soak Filtration Time	200 sec (Winter Only)	200 sec (Winter Only)	
Monoglycerides	Not Required	0.50 %mass, max	
Diglycerides	Not Required	0.20 %mass, max	
Triglycerides	Not Required	0.20 %mass, max	
Karl-Fischer	Not Required	400 ppm, max	
Visual Inspection	Not Required	1, max	
Sulfur: S 15 Grade	15 ppm, max	15 ppm, max	
Oxidation Stability	3 hrs, min	3 hrs, min	
Cetane	47, min	47, min	
Flash Point (closed cup)	93°C, min	93°C, min	
Alcohol Control: Methanol	0.2%vol, max	0.2%vol, max	
Phosphorus	0.001 %mass, max	0.001 %mass, max	
Carbon Residue, 100% sample	0.050 %mass, max	0.050 %mass, max	
Sulfated Ash	0.020 %mass, max	0.020 %mass, max	
Distillation at 90% Recovered	360°C, max	360°C, max	



B 100 manufacturer must be BQ 9000 certified

