



REG-9000™ Biodiesel Product Line-Up

REG-9000-1

Cloud Point 0-2°C
 (32-36°F)
 Oxidation Stability 3-6 hr
 Cetane 47-50

REG-9000-5

Cloud Point 4-6°C
 (39-43°F)
 Oxidation Stability 5-8 hr
 Cetane 50-53

REG-9000-10

Cloud Point 8-12°C
 (46-54°F)
 Oxidation Stability 7-10 hr
 Cetane 53-59

Test	ASTM Limit	REG-9000™ Limit		
Free Glycerin	0.020 %mass, max	0.014 %mass, max	REG-9000™ Exceeds ASTM Limits	
Total Glycerin	0.24 %mass, max	0.16 %mass, max		
Free Water & Sediment	0.05 %vol, max	0.02 %vol, max		
Acid Number	0.5 mg KOH/g, max	0.4 mg KOH/g, max		
Visual Inspection	2, max	1, max		
Relative Density @ 15 °C	Report	0.85—0.90		
Kinematic Viscosity @ 40 °C	1.9 – 6.0 mm ² /sec	3.8 – 5.0 mm ² /sec		
Sulfur: S 15 Grade	15 ppm, max	10 ppm, max		
S 500 Grade	500 ppm, max			
Copper Strip Corrosion	No. 3, max	No. 1, max		
Na and K, combined	5.0 ppm, max	1.5 ppm, max		
Ca and Mg, combined	5.0 ppm, max	1.0 ppm, max		
Monoglycerides	Not required	0.50 %mass, max		Testing Beyond Requirements
Diglycerides	Not required	0.20 %mass, max		
Triglycerides	Not required	0.15 %mass, max		
Moisture (Karl-Fischer)	Not required	400 ppm, max		
Cold Soak Filtration Time	Not required	200 sec		
Oxidation Stability*	3.0 hrs, min	3.0 hrs, min		
Cetane	47, min	47, min		
Alcohol Control (A): Flashpoint	130°C, min	130°C, min		
Alcohol Control (B): Methanol	0.2 %vol, max	0.2 %vol, max		
Phosphorous	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		



** REG can add antioxidant to meet any customer stability requirement up to 10 hours.*

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