



Product Specifications

Effective: 3/6/07
Supersedes: New

Common Name: Soy Methyl Ester

Product Code: SE-1885B

<u>Property</u>	<u>Analytical Method</u>	<u>Limits</u>	<u>Units</u>
Calcium and Magnesium	EN 14538	5 max	ppm (ug/g)
Flash Point	ASTM D 93	130 min.	Degrees C
Water & Sediment	ASTM D 2709	0.05 max	% vol
Kinematic Viscosity, 40 C	ASTM D 445	1.9 – 6.0	mm ² /sec.
Sulfated Ash	ASTM D 874	0.02 max.	% mass
Sulfur			
S 15 Grade	ASTM D 5453	0.0015 max	% mass (ppm)
S 500 Grade	ASTM D 5453	0.05 max	% mass (ppm)
Copper Strip Corrosion	ASTM D 130	No. 3 max	
Cetane	ASTM D 613	47 min	
Cloud Point	ASTM D 2500	Report	Degrees C
Carbon Residue - 100% Sample	ASTM D 4530	0.05 max	% mass
Acid Number	ASTM D 664	0.50 max	mg KOH/g
Free Glycerin	ASTM D 6584	0.020 max	% mass
Total Glycerin	ASTM D 6584	0.240 max	% mass
Phosphorus Content	ASTM D 4951	0.001 max	% mass
Distillation, T90 AET	ASTM D 1160	360 max	Degrees C
Sodium / Potassium, combined	EN 14538	5 max, combined	ppm
Oxidation Stability	EN 14112	3 min	hours
Iodine Value	AOCS Cd 1b-87	135 max	
C18 Total	AOCS Ce 1-62	88 – 92%	% area
C16 Total	AOCS Ce 1-62	8 – 12 %	% area