

## Biosynthetic SE15B

**Description:** SE15B is a patented, heavier viscosity, Group V estolide ester with superior lubricating properties, high viscosity index, and excellent hydrolytic stability. Synthesized from natural oils, Biosynthetic SE15B is renewable and has proven to be far more biodegradable than its petroleum-based counterparts.

**Applications:** SE15B is a biosynthetic oil ideal for use as a base stock in various types of lubricants, including greases, gear oils, and other industrial applications requiring higher viscosity products. SE15B may also serve as a thickener for SE7B.

Property	Unit	Method	Typical Result
Kinematic Viscosity at 100°C	cSt	D 445	14.7
Kinematic Viscosity at 40°C	cSt	D 445	98.8
Viscosity Index	-	D 2270	154
Pour Point	°C	D 97	-18
Cloud Point	°C	D 2500	-15
Flash Point	°C	D 92	293
Fire Point	°C	D 92	303
Iodine Value	g I <sub>2</sub> /100 g	NMR	< 0.5
Specific Gravity (15.5°C)	-	D 4052	0.907
Evaporative Loss (Noack)	wt%	D 5800	0.4
Acid Value	mg KOH/g	D 664	≤ 0.10

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