

## Biosynthetic SE7B

**Description:** SE7B is a patented, low viscosity, Group V estolide ester with superior lubricating properties, high viscosity index, and excellent hydrolytic and oxidative stability. Synthesized from natural oils, Biosynthetic SE7B is renewable and biodegradable.

**Applications:** SE7B is a biosynthetic oil ideal for use as a base stock in a variety of applications, including motor oil (PCMO), small engine oil (2T/4T), hydraulic fluid, dielectric fluid, compressor oil, grease, metalworking fluid, gear oil, bar and chain oil, and general purpose lubricants.

Property	Unit	Method	Typical Result
Kinematic Viscosity at 100°C	cSt	D 445	6.3
Kinematic Viscosity at 40°C	cSt	D 445	30.3
Viscosity Index	-	D 2270	164
Pour Point	°C	D 97	-18
Cloud Point	°C	D 2500	-15
Flash Point	°C	D 92	283
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	0.893
Evaporative Loss (Noack)	wt%	D 5800	2.2
Acid Value	mg KOH/g	D 664	≤ 0.10

**Technical Contact:**

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