

## Biosynthetic SE6B

**Description:** SE6B 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 SE6B is renewable and biodegradable.

**Applications:** SE6B 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         |

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