



Performance | Sustainability | Technical Excellence | Commercial Scale

## BT75LP

Biosynthetic Technologies' BT75LP is a low pour point version of our BT75. This product gives formulators the option to create products for applications where performance in extremely cold weather is needed. Our product is a sustainable and biodegradable base oil that can be used to formulate high viscosity products or be blended with BT4 or BT22 to obtain a lower viscosity for a specific application. BT75LP delivers good oxidative, hydrolytic, and shear stability at temperatures below -30°C without sacrificing performance.

### Product Performance Benefits

- High thermal stability
- Oxidatively stable
- Exceptional solvency
- Sustainable
- Bio-based
- Non-toxic

### Typical Properties

Property	Method	Units	Result
Kinematic Viscosity, 100°C	ASTM D445	cSt	75
Kinematic Viscosity, 40°C	ASTM D445	cSt	600
Viscosity Index	ASTM D2270	-	205
Pour Point	ASTM D97	°C	-33
Flash Point (Open Cup)	ASTM D92	°C	290
Total Acid Number	ASTM D664	mg KOH/g	1.0
Gardner Color	ASTM D1544	-	6
Water	ASTM D6304	ppm	500
Specific Gravity	ASTM D5355	-	0.93
Biodegradability	OECD 301B	%	76%
Bio-Based Carbon	ASTM D6866	%	99%

### Applications

- Gear oil
- Hydraulic fluids
- Metalworking fluids
- TO4 fluids
- Grease
- Industrial lubricants