

# VISCOPEX® 10-171

A Pour Point Depressant and Cold-Temperature Fluidity Improver Recommended for Use in Environmentally Friendly Lubricants

A RohMax Product



## Function

Low-temperature additive specifically designed to provide cold-temperature performance and storage stability in lubricants based on biodegradable carriers, including vegetable oils and synthetic esters.

## Performance

VISCOPEX® 10-171 effectively lowers the pour point of canola oil and provides significant improvement in cold storage stability at -25 °C.

Typical addition rates are 0.5% to 1.0% by weight.

## Composition

VISCOPEX® 10-171 is a viscous concentrate of poly-alkyl methacrylate in a solvent-refined neutral oil.

## Physical Data

Table 1 lists representative physical properties. (These do not constitute specifications.)

## VISCOPEX® Series 10 Viscosity Index Improvers and Pour Point Depressants for Biodegradable Lubricants

### Typical Physical Properties of VISCOPEX® 10-171

Table 1

Visual Appearance	Clear to slightly hazy, viscous liquid
Color (ASTM D1500)	2.0
Viscosity at 100 °C, mm <sup>2</sup> /s (ASTM D445)	300
Density at 15 °C, g/cm <sup>3</sup> (ASTM D4052)	0.91
Flash Point, °C (ASTM D3278)	>120

## Density

The typical density of VISCOPLEX® 10-171, as a function of temperature, is given in Figure 1.

## Bulk Viscosity

The bulk handling properties of VISCOPLEX® 10-171, as a function of temperature, are provided in Figure 2.

## Additional Information

For additional information on product availability, performance data and Material Safety Data Sheets, please contact your RohMax account manager or Customer Service Representative.

For an overview of our entire VISCOPLEX® and VISCODASE® product range and complete information on handling and storage, please visit the Products & Applications section on our website [www.rohmax.com](http://www.rohmax.com).

Figure 1 Density vs. Temperature

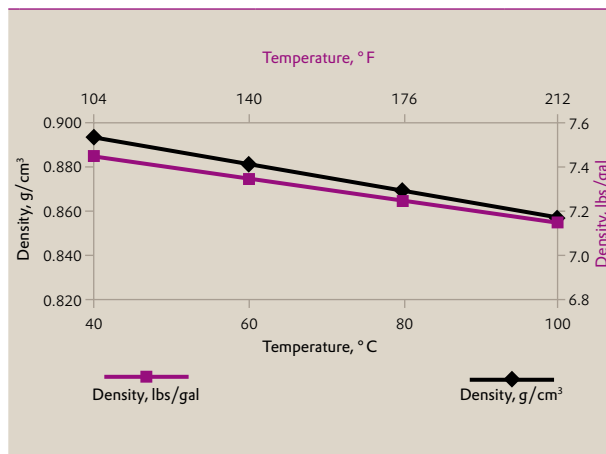
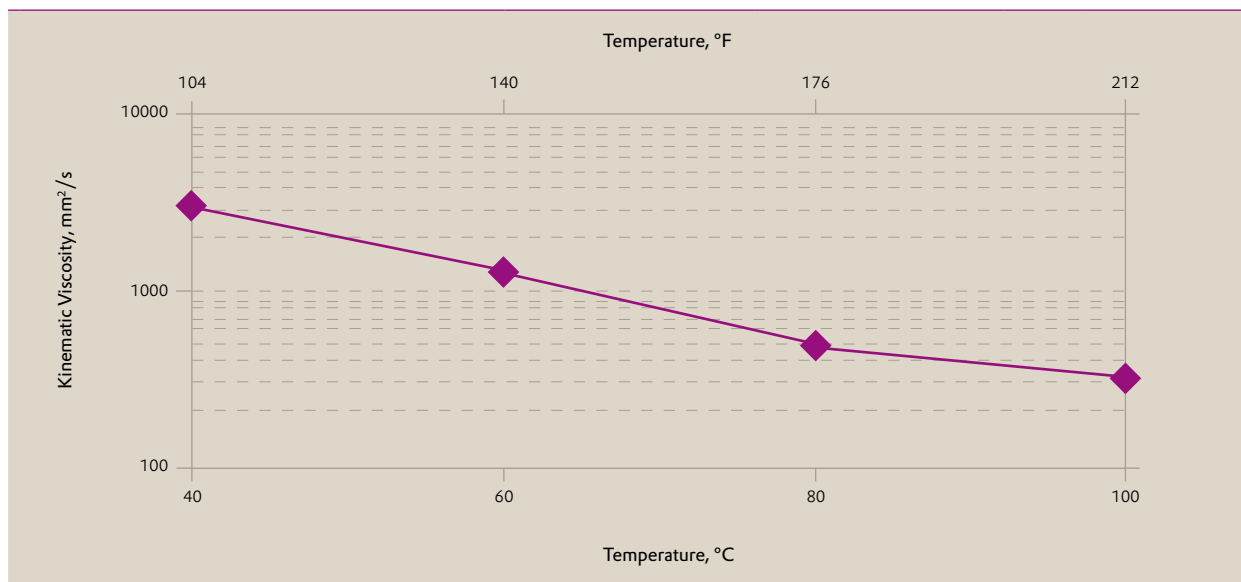


Figure 2 Kinematic Viscosity vs. Temperature



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