

VISCOPEX® 12-075

A Highly Shear-Stable VI Improver for Automatic Transmission Fluids

A RohMax Product



Function

Viscosity index and low-temperature fluidity improver for automatic transmission fluids.

Performance

Highly shear-stable, non-dispersant product designed for use in non-conventional (e.g., hydrocracked) and conventional base stocks. Provides excellent Brookfield viscosity performance.

Composition

VISCOPEX® 12-075 is a solution of polyalkyl methacrylate in highly refined mineral oil.

Physical Data

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

Shear Stability and Thickening Efficiency

Table 2 provides shear stability and thickening efficiency data for VISCOPEX® 12-075.

VISCOPEX® Series 12 Automatic Transmission Fluid Viscosity Index Improvers

Typical Physical Properties of VISCOPEX® 12-075

Table 1

Visual Appearance	Clear to slightly hazy
Color (ASTM D1500)	0.5
Viscosity at 100 °C, mm ² /s (ASTM D445)	575
Density at 15 °C, g/cm ³ (ASTM D4052)	0.96
Flash Point, °C (ASTM D3278)	94

Table 2

Thickening Efficiency, 10% in RMF 5, at 100 °C, mm ² /s	8.1
KRL, 20 hour, (CEC L-45-A-99), % Viscosity Loss	1.8
KRL, 20 hour (CEC L-45-A-99), Shear Stability Index	9

Density

The typical density of VISCOPLEX® 12-075, as a function of temperature, is given in Figure 1.

Bulk Viscosity

The typical bulk viscosity of VISCOPLEX® 12-075, as a function of temperature, is given 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 VISCOBASE® product range and complete information on handling and storage, please visit the Products & Applications section on our website www.rohmax.com.

Figure 1 Density vs. Temperature

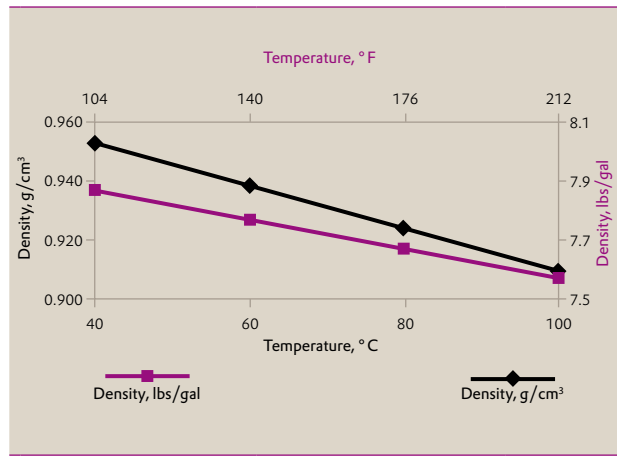
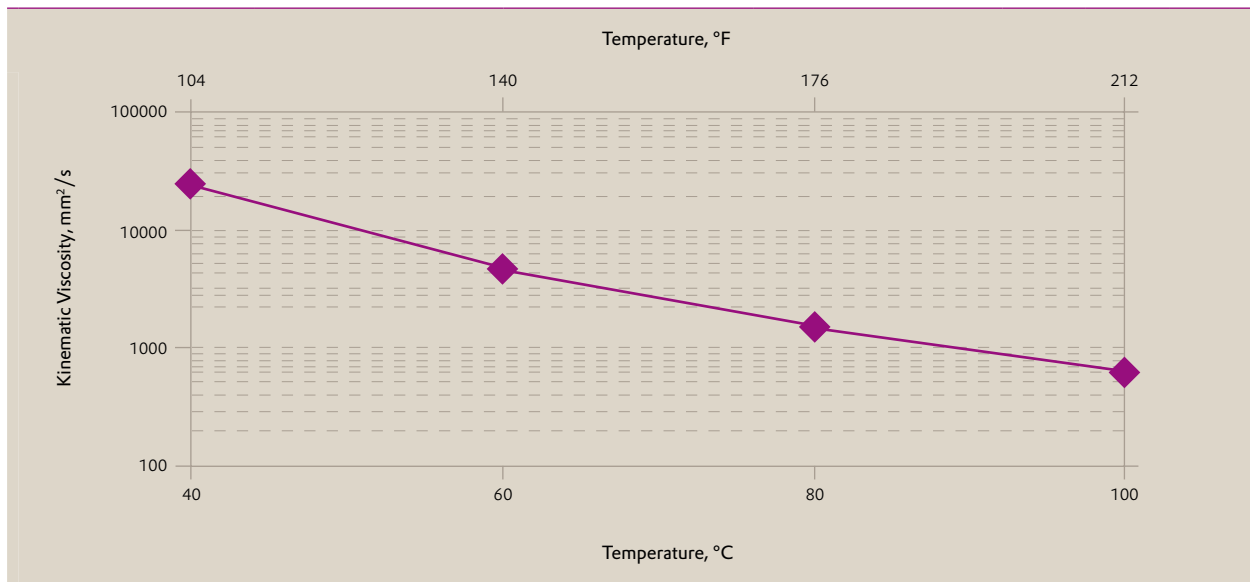


Figure 2 Kinematic Viscosity vs. Temperature



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